

Andrew Freistein 10/804,558

Connecting via Winsock to STN

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PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS	1		Web Page URLs for STN Seminar Schedule - N. America
NEWS	2		"Ask CAS" for self-help around the clock
NEWS	3	JAN 17	Pre-1988 INPI data added to MARPAT
NEWS	4	FEB 21	STN AnaVist, Version 1.1, lets you share your STN AnaVist visualization results
NEWS	5	FEB 22	The IPC thesaurus added to additional patent databases on STN
NEWS	6	FEB 22	Updates in EPFULL; IPC 8 enhancements added
NEWS	7	FEB 27	New STN AnaVist pricing effective March 1, 2006
NEWS	8	MAR 03	Updates in PATDPA; addition of IPC 8 data without attributes
NEWS	9	MAR 22	EMBASE is now updated on a daily basis
NEWS	10	APR 03	New IPC 8 fields and IPC thesaurus added to PATDPAFULL
NEWS	11	APR 03	Bibliographic data updates resume; new IPC 8 fields and IPC thesaurus added in PCTFULL
NEWS	12	APR 04	STN AnaVist \$500 visualization usage credit offered
NEWS	13	APR 12	LINSPEC, learning database for INSPEC, reloaded and enhanced
NEWS	14	APR 12	Improved structure highlighting in FQHIT and QHIT display in MARPAT
NEWS	15	APR 12	Derwent World Patents Index to be reloaded and enhanced during second quarter; strategies may be affected
NEWS	16	MAY 10	CA/CAPLUS enhanced with 1900-1906 U.S. patent records
NEWS	17	MAY 11	KOREAPAT updates resume
NEWS	18	MAY 19	Derwent World Patents Index to be reloaded and enhanced
NEWS	19	MAY 30	IPC 8 Rolled-up Core codes added to CA/CAPLUS and USPATFULL/USPAT2
NEWS	20	MAY 30	The F-Term thesaurus is now available in CA/CAPLUS
NEWS	21	JUN 02	The first reclassification of IPC codes now complete in INPADOC
NEWS EXPRESS			FEBRUARY 15 CURRENT VERSION FOR WINDOWS IS V8.01a, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 19 DECEMBER 2005. V8.0 AND V8.01 USERS CAN OBTAIN THE UPGRADE TO V8.01a AT http://download.cas.org/express/v8.0-Discover/
NEWS HOURS			STN Operating Hours Plus Help Desk Availability
NEWS LOGIN			Welcome Banner and News Items
NEWS IPC8			For general information regarding STN implementation of IPC 8
NEWS X25			X.25 communication option no longer available after June 2006

Enter NEWS followed by the item number or name to see news on that specific topic.

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 15:53:34 ON 23 JUN 2006

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 15:53:49 ON 23 JUN 2006

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 22 JUN 2006 HIGHEST RN 889059-26-1

DICTIONARY FILE UPDATES: 22 JUN 2006 HIGHEST RN 889059-26-1

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 6, 2006

Please note that search-term pricing does apply when conducting SmartSELECT searches.

*
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added, *
* effective March 20, 2005. A new display format, IDERL, is now *
* available and contains the CA role and document type information. *
*

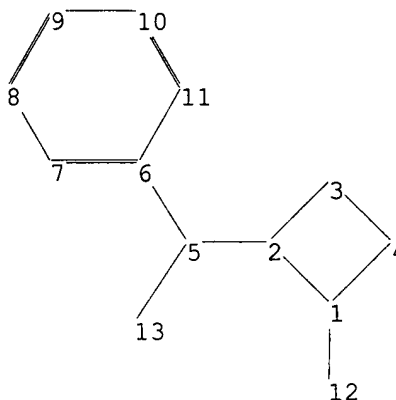
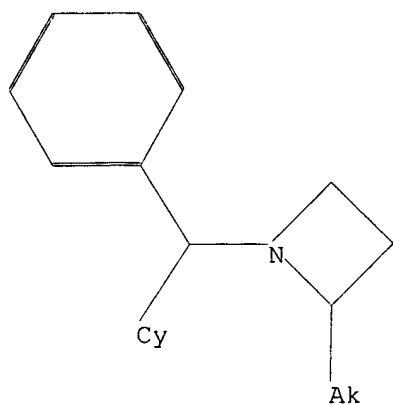
Structure search iteration limits have been increased. See HELP SLIMITS for details.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

=>

Uploading C:\Program Files\Stnexp\Queries\10804558\c.str



```
chain nodes :
5 12 13
ring nodes :
1 2 3 4 6 7 8 9 10 11
chain bonds :
1-12 2-5 5-6 5-13
ring bonds :
1-2 1-4 2-3 3-4 6-7 6-11 7-8 8-9 9-10 10-11
exact/norm bonds :
1-2 1-4 1-12 2-3 2-5 3-4 5-13
exact bonds :
5-6
normalized bonds :
6-7 6-11 7-8 8-9 9-10 10-11
```

```
Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:CLASS 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:CLASS 13:Atom
```

L1 STRUCTURE UPLOADED

=> s l1

SAMPLE SEARCH INITIATED 15:54:01 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 65857 TO ITERATE

3.0% PROCESSED 2000 ITERATIONS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

1 ANSWERS

FULL FILE PROJECTIONS: ONLINE **INCOMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 1301860 TO 1332420
PROJECTED ANSWERS: 314 TO 1002

L2 1 SEA SSS SAM L1

=> s l1 full

FULL SEARCH INITIATED 15:54:05 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 1316565 TO ITERATE

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<-----User Break----->

27.7% PROCESSED 364395 ITERATIONS
SEARCH ENDED BY USER
SEARCH TIME: 00.00.06

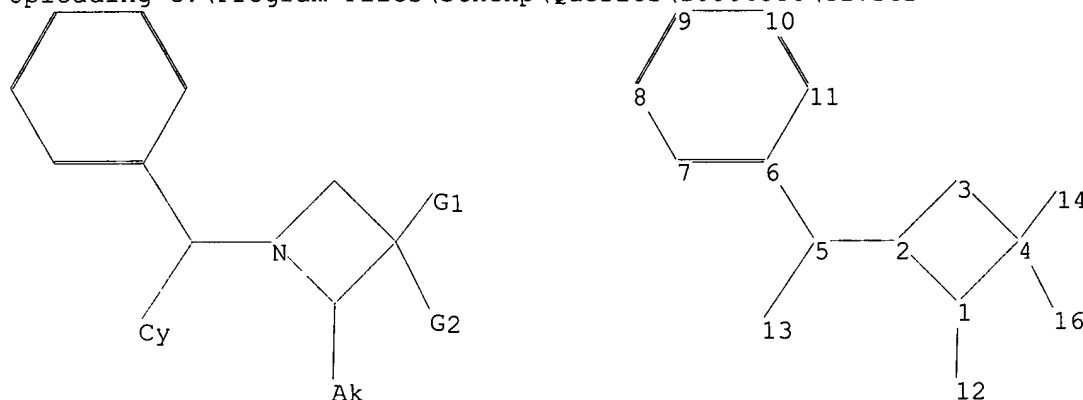
10 ANSWERS

FULL FILE PROJECTIONS: ONLINE **INCOMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 1316565 TO 1316565
PROJECTED ANSWERS: 18 TO 54

L3 10 SEA SSS FUL L1

=>

Uploading C:\Program Files\Stnexp\Queries\10804558\c2.str



chain nodes :
5 12 13 14 16
ring nodes :
1 2 3 4 6 7 8 9 10 11
chain bonds :
1-12 2-5 4-14 4-16 5-6 5-13
ring bonds :
1-2 1-4 2-3 3-4 6-7 6-11 7-8 8-9 9-10 10-11
exact/norm bonds :
1-2 1-4 1-12 2-3 2-5 3-4 4-14 4-16 5-13
exact bonds :
5-6
normalized bonds :
6-7 6-11 7-8 8-9 9-10 10-11

G1:H,COOH,CN,Ak

G2:O,N

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:CLASS 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:CLASS 13:Atom 14:CLASS 16:CLASS

L4 STRUCTURE UPLOADED

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=> s l4

SAMPLE SEARCH INITIATED 15:56:06 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 5916 TO ITERATE

33.8% PROCESSED 2000 ITERATIONS 2 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 113709 TO 122931
PROJECTED ANSWERS: 2 TO 263

L5 2 SEA SSS SAM L4

=> s l4 full

FULL SEARCH INITIATED 15:56:12 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 118422 TO ITERATE

100.0% PROCESSED 118422 ITERATIONS 149 ANSWERS
SEARCH TIME: 00.00.02

L6 149 SEA SSS FUL L4

=> file hcaplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	334.76	334.97

FILE 'HCAPLUS' ENTERED AT 15:56:17 ON 23 JUN 2006
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FILE COVERS 1907 - 23 Jun 2006 VOL 145 ISS 1
FILE LAST UPDATED: 22 Jun 2006 (20060622/ED)

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This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s l6

L7 29 L6

=> d ibib hitstr 1-29

L7 ANSWER 1 OF 29 HCAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2005:902852 HCAPLUS
DOCUMENT NUMBER: 143:248268
TITLE: Preparation of
N-[bis(4-chlorophenyl)methyl]azetidines
as CB1 cannabinoid receptor antagonists
INVENTOR(S): Cuberes Altisen, Rosa; Frigola Constanza, Jordi;
Gutierrez Silva, Bonifacio
PATENT ASSIGNEE(S): Laboratorios del Esteve S. A., Spain
SOURCE: PCT Int. Appl., 119 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

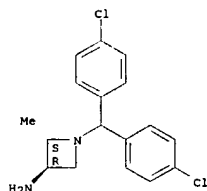
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005077897	A1	20050825	WO 2005-EP1658	20050216
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2005187208	A1	20050825	US 2004-804558	20040319
PRIORITY APPLN. INFO.: ES 2004-4000379 A 20040217				
US 2004-804558 A 20040319				

OTHER SOURCE(S): MARPAT 143:248268

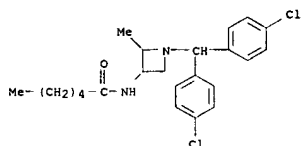
IT 863106-38-1P 863106-39-2P 863106-40-5P
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863106-48-3P 863106-49-4P 863106-50-7P
863106-51-8P 863106-52-9P 863106-53-0P
863106-54-1P 863106-55-2P 863106-56-3P
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863106-69-8P 863106-71-2P 863106-72-3P
863106-73-4P 863106-74-5P 863106-75-6P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(claimed compound; preparation of bischlorophenylmethylazetidines as

CB1 cannabinoid receptor antagonists)
RN 863106-38-1 HCAPLUS
CN Benzenesulfonic acid, 4-fluoro-, (2R,3S)-1-[bis(4-chlorophenyl)methyl]-2-methyl-3-azetidiny ester, rel- (9CI) (CA INDEX NAME)

L7 ANSWER 1 OF 29 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)

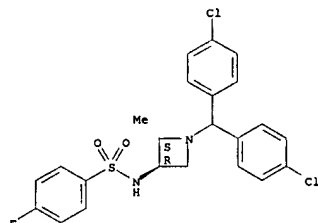


RN 863106-41-6 HCAPLUS
CN Hexanamide, N-[1-[bis(4-chlorophenyl)methyl]-2-methyl-3-azetidiny]- (9CI)
(CA INDEX NAME)



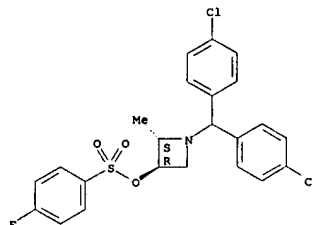
RN 863106-42-7 HCAPLUS
CN Benzenesulfonamide, N-[(2S,3R)-1-[bis(4-chlorophenyl)methyl]-2-methyl-3-azetidiny]-4-fluoro- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).



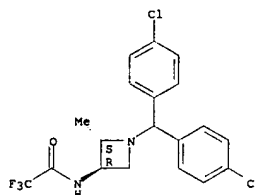
L7 ANSWER 1 OF 29 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)

Relative stereochemistry.



RN 863106-39-2 HCAPLUS
CN Acetamide, N-[(2S,3R)-1-[bis(4-chlorophenyl)methyl]-2-methyl-3-azetidiny]-2,2,2-trifluoro- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



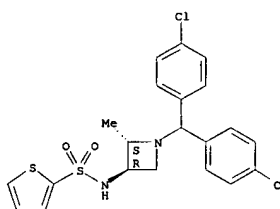
RN 863106-40-5 HCAPLUS
CN 3-Azetidinamine, 1-[bis(4-chlorophenyl)methyl]-2-methyl-, (2S,3R)- (9CI)
(CA INDEX NAME)

Absolute stereochemistry.

L7 ANSWER 1 OF 29 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)

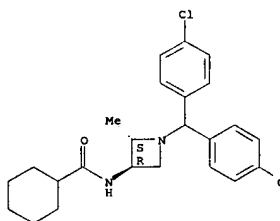
RN 863106-43-8 HCAPLUS
CN 2-Thiophenesulfonamide, N-[(2S,3R)-1-[bis(4-chlorophenyl)methyl]-2-methyl-3-azetidiny]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 863106-44-9 HCAPLUS
CN Cyclohexanecarboxamide, N-[(2S,3R)-1-[bis(4-chlorophenyl)methyl]-2-methyl-3-azetidiny]- (9CI) (CA INDEX NAME)

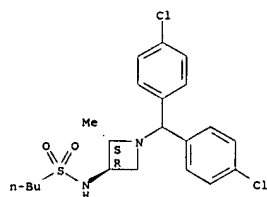
Absolute stereochemistry.



RN 863106-46-1 HCAPLUS
CN 1-Butanesulfonamide, N-[(2S,3R)-1-[bis(4-chlorophenyl)methyl]-2-methyl-3-azetidiny]- (9CI) (CA INDEX NAME)

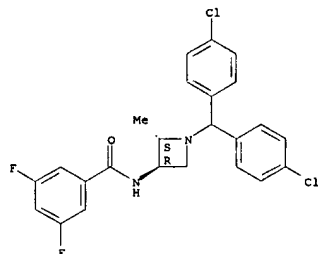
Absolute stereochemistry.

L7 ANSWER 1 OF 29 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 863106-47-2 HCAPLUS
CN Benamide,
N-[(2S,3R)-1-[(bis(4-chlorophenyl)methyl]-2-methyl-3-azetidinyl]-
3,5-difluoro- (9CI) (CA INDEX NAME)

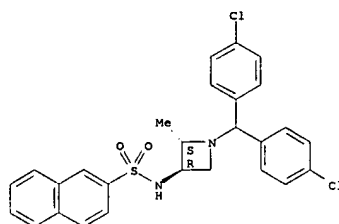
Absolute stereochemistry.



RN 863106-48-3 HCAPLUS
CN 2-Naphthalenesulfonamide, N-[(2R,3S)-1-[(bis(4-chlorophenyl)methyl]-2-
methyl-3-azetidinyl]-, rel- (9CI) (CA INDEX NAME)

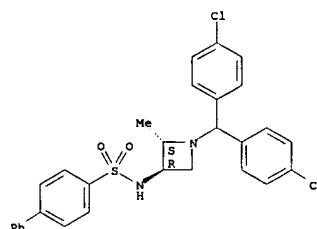
Relative stereochemistry.

L7 ANSWER 1 OF 29 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 863106-49-4 HCAPLUS
CN [1,1'-Biphenyl]-4-sulfonamide,
N-[(2R,3S)-1-[(bis(4-chlorophenyl)methyl]-2-
methyl-3-azetidinyl]-, rel- (9CI) (CA INDEX NAME)

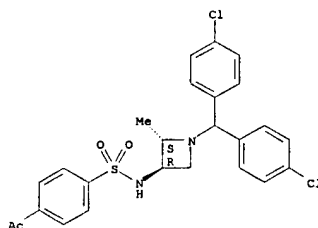
Relative stereochemistry.



RN 863106-50-7 HCAPLUS
CN Benzenesulfonamide, 4-acetyl-N-[(2R,3S)-1-[(bis(4-chlorophenyl)methyl]-2-
methyl-3-azetidinyl]-, rel- (9CI) (CA INDEX NAME)

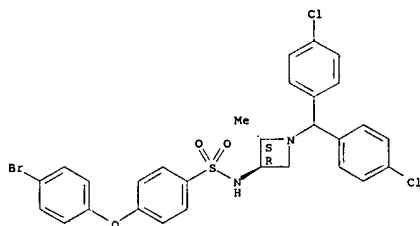
Relative stereochemistry.

L7 ANSWER 1 OF 29 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 863106-51-8 HCAPLUS
CN Benzenesulfonamide, N-[(2R,3S)-1-[(bis(4-chlorophenyl)methyl]-2-methyl-3-
azetidinyl]-4-(4-bromophenoxy)-, rel- (9CI) (CA INDEX NAME)

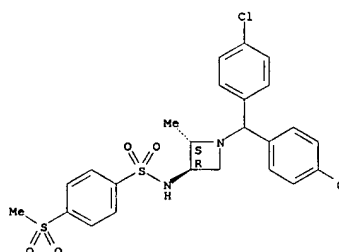
Relative stereochemistry.



RN 863106-52-9 HCAPLUS
CN Benzenesulfonamide, N-[(2R,3S)-1-[(bis(4-chlorophenyl)methyl]-2-methyl-3-
azetidinyl]-4-(methylsulfonyl)-, rel- (9CI) (CA INDEX NAME)

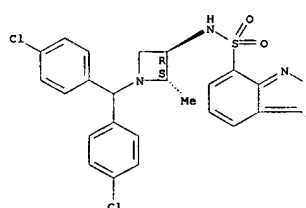
Relative stereochemistry.

L7 ANSWER 1 OF 29 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 863106-53-0 HCAPLUS
CN 2,1,3-Benzoxadiazole-4-sulfonamide, N-[(2R,3S)-1-[(bis(4-
chlorophenyl)methyl]-2-methyl-3-azetidinyl]-, rel- (9CI) (CA INDEX NAME)

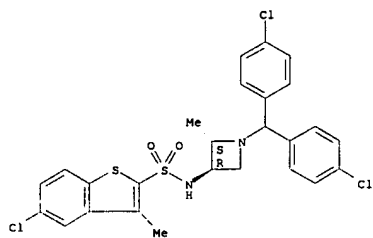
Relative stereochemistry.



RN 863106-54-1 HCAPLUS
CN Benzo[b]thiophene-2-sulfonamide,
N-[(2R,3S)-1-[(bis(4-chlorophenyl)methyl]-
2-methyl-3-azetidinyl]-5-chloro-3-methyl-, rel- (9CI) (CA INDEX NAME)

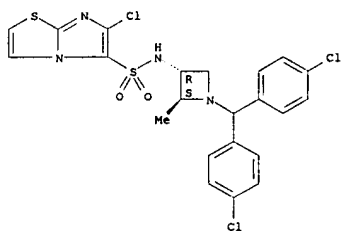
Relative stereochemistry.

L7 ANSWER 1 OF 29 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 863106-55-2 HCAPLUS
CN Imidazo[2,1-b]thiazole-5-sulfonamide, N-[(2R,3S)-1-[bis(4-chlorophenyl)methyl]-2-methyl-3-azetidinyl]-6-chloro-, rel- (9CI) (CA INDEX NAME)

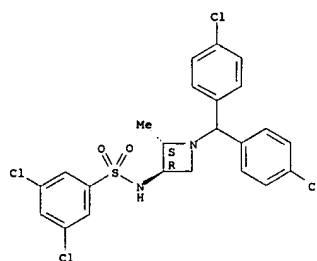
Relative stereochemistry.



RN 863106-56-3 HCAPLUS
CN Benzenesulfonamide, N-[(2R,3S)-1-[bis(4-chlorophenyl)methyl]-2-methyl-3-azetidinyl]-3,5-dichloro-, rel- (9CI) (CA INDEX NAME)

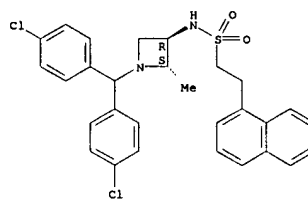
Relative stereochemistry.

L7 ANSWER 1 OF 29 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 863106-57-4 HCAPLUS
CN 1-Naphthaleneethanesulfonamide, N-[(2R,3S)-1-[bis(4-chlorophenyl)methyl]-2-methyl-3-azetidinyl]-, rel- (9CI) (CA INDEX NAME)

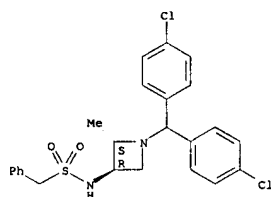
Relative stereochemistry.



RN 863106-58-5 HCAPLUS
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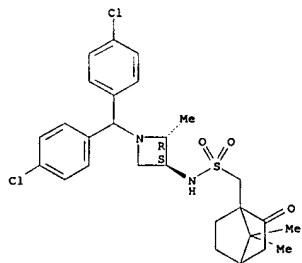
Relative stereochemistry.

L7 ANSWER 1 OF 29 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 863106-59-6 HCAPLUS
CN Bicyclo[2.2.1]heptane-1-methanesulfonamide, N-[(2R,3S)-1-[bis(4-chlorophenyl)methyl]-2-methyl-3-azetidinyl]-7,7-dimethyl-2-oxo-, rel- (9CI) (CA INDEX NAME)

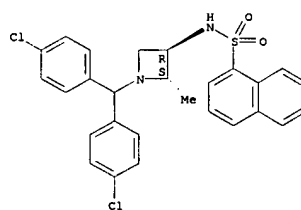
Relative stereochemistry.



RN 863106-60-9 HCAPLUS
CN 1-Naphthalenesulfonamide, N-[(2R,3S)-1-[bis(4-chlorophenyl)methyl]-2-methyl-3-azetidinyl]-, rel- (9CI) (CA INDEX NAME)

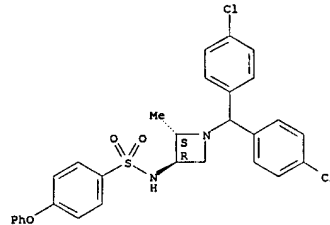
Relative stereochemistry.

L7 ANSWER 1 OF 29 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 863106-61-0 HCAPLUS
CN Benzenesulfonamide, N-[(2R,3S)-1-[bis(4-chlorophenyl)methyl]-2-methyl-3-azetidinyl]-4-phenoxy-, rel- (9CI) (CA INDEX NAME)

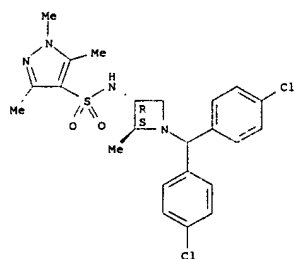
Relative stereochemistry.



RN 863106-62-1 HCAPLUS
CN 1H-Pyrazole-4-sulfonamide, N-[(2R,3S)-1-[bis(4-chlorophenyl)methyl]-2-methyl-3-azetidinyl]-1,3,5-trimethyl-, rel- (9CI) (CA INDEX NAME)

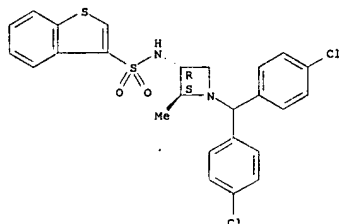
Relative stereochemistry.

L7 ANSWER 1 OF 29 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 863106-63-2 HCAPLUS
CN Benzo[b]thiophene-3-sulfonamide,
N-[(2R,3S)-1-[bis(4-chlorophenyl)methyl]-
2-methyl-3-azetidiny]-, rel- (9CI) (CA INDEX NAME)

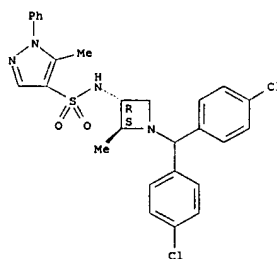
Relative stereochemistry.



RN 863106-65-4 HCAPLUS
CN 1H-Pyrazole-4-sulfonamide, N-[(2R,3S)-1-[bis(4-chlorophenyl)methyl]-2-
methyl-3-azetidiny]-5-methyl-1-phenyl-, rel- (9CI) (CA INDEX NAME)

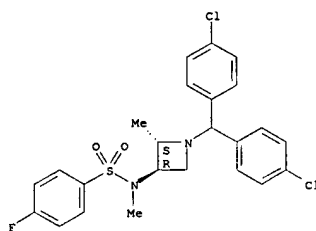
Relative stereochemistry.

L7 ANSWER 1 OF 29 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 863106-67-6 HCAPLUS
CN Benzenesulfonamide, N-[(2R,3S)-1-[bis(4-chlorophenyl)methyl]-2-methyl-3-
azetidiny]-4-fluoro-N-methyl-, rel- (9CI) (CA INDEX NAME)

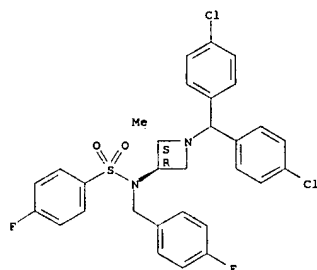
Relative stereochemistry.



RN 863106-69-8 HCAPLUS
CN Benzenesulfonamide, N-[(2R,3S)-1-[bis(4-chlorophenyl)methyl]-2-methyl-3-
azetidiny]-4-fluoro-N-[(4-fluorophenyl)methyl]-, rel- (9CI) (CA INDEX NAME)

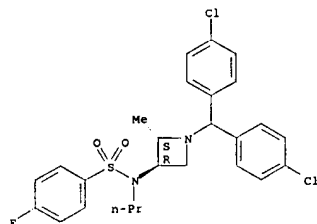
Relative stereochemistry.

L7 ANSWER 1 OF 29 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 863106-71-2 HCAPLUS
CN Benzenesulfonamide, N-[(2R,3S)-1-[bis(4-chlorophenyl)methyl]-2-methyl-3-
azetidiny]-4-fluoro-N-propyl-, rel- (9CI) (CA INDEX NAME)

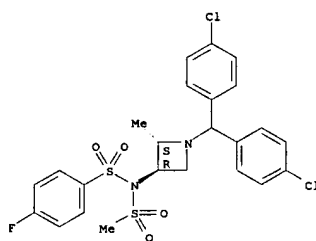
Relative stereochemistry.



RN 863106-72-3 HCAPLUS
CN Benzenesulfonamide, N-[(2R,3S)-1-[bis(4-chlorophenyl)methyl]-2-methyl-3-
azetidiny]-4-fluoro-N-(methylsulfonyl)-, rel- (9CI) (CA INDEX NAME)

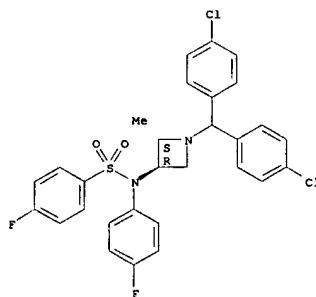
Relative stereochemistry.

L7 ANSWER 1 OF 29 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 863106-73-4 HCAPLUS
CN Benzenesulfonamide, N-[(2R,3S)-1-[bis(4-chlorophenyl)methyl]-2-methyl-3-
azetidiny]-4-fluoro-N-(4-fluorophenyl)-, rel- (9CI) (CA INDEX NAME)

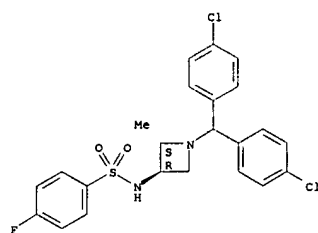
Relative stereochemistry.



RN 863106-74-5 HCAPLUS
CN Benzenesulfonamide, N-[(2R,3S)-1-[bis(4-chlorophenyl)methyl]-2-methyl-3-
azetidiny]-4-fluoro-, rel- (9CI) (CA INDEX NAME)

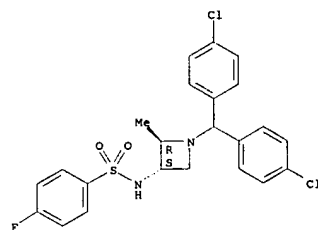
Relative stereochemistry.

L7 ANSWER 1 OF 29 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)



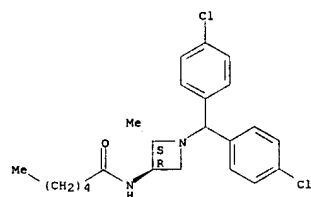
RN 863106-75-6 HCAPLUS
CN Benzenesulfonamide, N-[(2R,3S)-1-[bis(4-chlorophenyl)methyl]-2-methyl-3-azetidiny]-4-fluoro- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



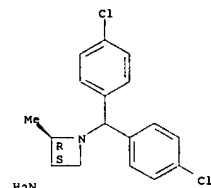
IT 863106-86-9P 863106-87-0P 863106-88-1P
863180-02-3P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of bischlorophenylmethylazetidines as CB1 cannabinoid receptor antagonists)
RN 863106-86-9 HCAPLUS
CN 3-Azetidinamine, 1-[bis(4-chlorophenyl)methyl]-2-methyl-, dihydrochloride, (2R,3S)- (9CI) (CA INDEX NAME)

L7 ANSWER 1 OF 29 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)



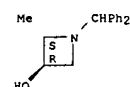
RN 863180-02-3 HCAPLUS
CN 3-Azetidinamine, 1-(diphenylmethyl)-2-methyl-, (2R,3S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).



IT 164906-64-3
RL: RCT (Reactant); RACT (Reactant or reagent)
(preparation of bischlorophenylmethylazetidines as CB1 cannabinoid receptor antagonists)
RN 164906-64-3 HCAPLUS
CN 3-Azetidinol, 1-(diphenylmethyl)-2-methyl-, (2S,3R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

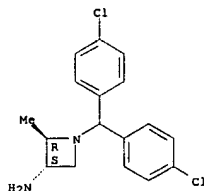


IT 106859-42-1P 132924-39-1P 133891-54-0P

06/23/2006

L7 ANSWER 1 OF 29 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)

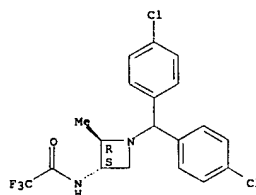
Absolute stereochemistry. Rotation (-).



● 2 HCl

RN 863106-87-0 HCAPLUS
CN Acetamide, N-[(2R,3S)-1-[bis(4-chlorophenyl)methyl]-2-methyl-3-azetidiny]-2,2,2-trifluoro- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



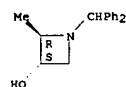
RN 863106-88-1 HCAPLUS
CN Hexanamide, N-[(2S,3R)-1-[bis(4-chlorophenyl)methyl]-2-methyl-3-azetidiny]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

L7 ANSWER 1 OF 29 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)

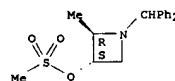
863106-76-7P 863106-78-9P 863106-80-3P
863106-81-4P 863106-82-5P 863106-83-6P
863106-84-7P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(prepn. of bischlorophenylmethylazetidines as CB1 cannabinoid receptor antagonists)
RN 106859-42-1 HCAPLUS
CN 3-Azetidinol, 1-(diphenylmethyl)-2-methyl-, (2R,3S)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



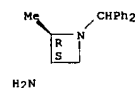
RN 132924-39-1 HCAPLUS
CN 3-Azetidinol, 1-(diphenylmethyl)-2-methyl-, methanesulfonate (ester), (2R,3S)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 133891-54-0 HCAPLUS
CN 3-Azetidinamine, 1-(diphenylmethyl)-2-methyl-, (2R,3S)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

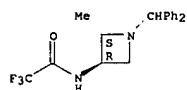


H₂N

RN 863106-76-7 HCAPLUS
CN Acetamide, N-[(2S,3R)-1-(diphenylmethyl)-2-methyl-3-azetidiny]-2,2,2-trifluoro- (9CI) (CA INDEX NAME)

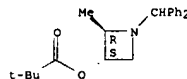
Absolute stereochemistry.

L7 ANSWER 1 OF 29 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)



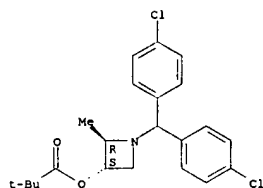
RN 863106-78-9 HCAPLUS
 CN Propanoic acid, 2,2-dimethyl-, (2R,3S)-1-(diphenylmethyl)-2-methyl-3-azetidiny ester, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



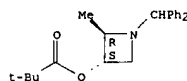
RN 863106-80-3 HCAPLUS
 CN Propanoic acid, 2,2-dimethyl-, (2R,3S)-1-[bis(4-chlorophenyl)methyl]-2-methyl-3-azetidiny ester, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 863106-81-4 HCAPLUS
 CN 3-Azetidinol, 1-(bis(4-chlorophenyl)methyl)-2-methyl- (9CI) (CA INDEX NAME)

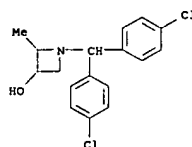
L7 ANSWER 1 OF 29 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)



● HCl

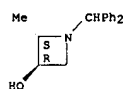
REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE
 FORMAT

L7 ANSWER 1 OF 29 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 863106-82-5 HCAPLUS
 CN 3-Azetidinol, 1-(diphenylmethyl)-2-methyl-, hydrochloride, (2S,3R)- (9CI) (CA INDEX NAME)

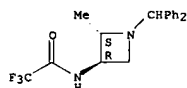
Absolute stereochemistry.



● HCl

RN 863106-83-6 HCAPLUS
 CN Acetamide, N-[(2S,3R)-1-(diphenylmethyl)-2-methyl-3-azetidiny]-2,2,2-trifluoro-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



● HCl

RN 863106-84-7 HCAPLUS
 CN Propanoic acid, 2,2-dimethyl-, (2R,3S)-1-(diphenylmethyl)-2-methyl-3-azetidiny ester, hydrochloride, rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

L7 ANSWER 2 OF 29 HCAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2002:211737 HCAPLUS
 DOCUMENT NUMBER: 137:232494

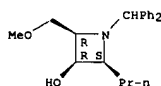
TITLE: Synthesis of 4-alkyl-1-benzhydryl-2-(methoxymethyl)azetidin-3-ols by regio- and stereoselective alkylation of 1-benzhydryl-3-(N-alkyl)imino-2-(methoxymethyl)azetidine
 AUTHOR(S): Salgado, Antonio; Boeykens, Mark; Gauthier, Christine;
 CORPORATE SOURCE: Declercq, Jean-Paul; De Kimpe, Norbert
 Faculty of Agricultural and Applied Biological Sciences, Department of Organic Chemistry, Ghent University, Ghent, B-9000, Belg.

SOURCE: Tetrahedron (2002), 58(14), 2763-2775
 CODEN: TETRA; ISSN: 0040-4020
 PUBLISHER: Elsevier Science Ltd.
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 OTHER SOURCE(S): CASREACT 137:232494
 IT 459869-38-6P

RL: PRP (Properties); SPN (Synthetic preparation); PREP (Preparation)
 (crystal structure; synthesis of 4-alkyl-1-benzhydryl-2-(methoxymethyl)azetidin-3-ols by regio- and stereoselective alkylation of 1-benzhydryl-3-(N-alkyl)imino-2-(methoxymethyl)azetidine)

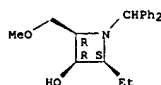
RN 459869-38-6 HCAPLUS
 CN 3-Azetidinol, 1-(diphenylmethyl)-2-(methoxymethyl)-4-propyl-, (2R,3R,4S)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



IT 459869-37-SP 459869-39-7P 459869-40-0P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (synthesis of 4-alkyl-1-benzhydryl-2-(methoxymethyl)azetidin-3-ols by regio- and stereoselective alkylation of 1-benzhydryl-3-(N-alkyl)imino-2-(methoxymethyl)azetidine)
 RN 459869-37-5 HCAPLUS
 CN 3-Azetidinol, 1-(diphenylmethyl)-2-ethyl-4-(methoxymethyl)-, (2R,3S,4S)-rel- (9CI) (CA INDEX NAME)

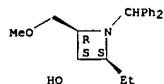
Relative stereochemistry.



RN 459869-39-7 HCAPLUS
 CN 3-Azetidinol, 1-(diphenylmethyl)-2-ethyl-4-(methoxymethyl)-, (2R,3S,4S)-rel- (9CI) (CA INDEX NAME)

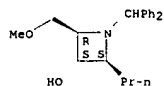
L7 ANSWER 2 OF 29 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)
(2R,3R,4S)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 459869-40-0 HCAPLUS
CN 3-Azetidinol, 1-(diphenylmethyl)-2-(methoxymethyl)-4-propyl-, (2R,3R,4S)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



REFERENCE COUNT: 70 THERE ARE 70 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE REFORMAT

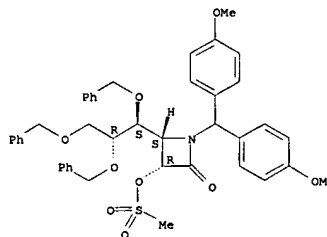
L7 ANSWER 3 OF 29 HCAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2000:41766 HCAPLUS
DOCUMENT NUMBER: 132:194588

TITLE: β -Lactams from D-erythrose-derived imines: a convenient synthesis of 2,3-diamino-2,3-dideoxy-D-mannonic-acid derivatives
AUTHOR(S): Storz, Thomas; Bernet, Bruno; Vasella, Andrea
CORPORATE SOURCE: Laboratorium für Organische Chemie, ETH-Zentrum, Zurich, CH-8091, Switz.
SOURCE: Helvetica Chimica Acta (1999), 82(12), 2380-2412
CODEN: HCACAV; ISSN: 0018-019X
PUBLISHER: Verlag Helvetica Chimica Acta
DOCUMENT TYPE: Journal
LANGUAGE: English

IT 259792-20-6P 259792-46-6P 259792-47-7P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of β -lactams from D-erythrose-derived imines and a convenient synthesis of diaminodeoxymannonic acid derivs.)

RN 259792-20-6 HCAPLUS
CN 2-Azetidinone, 1-[bis(4-methoxyphenyl)methyl]-3-[(methylsulfonyl)oxy]-4-[(1S,2R)-1,2,3-tris(phenylmethoxy)propyl]-, (3R,4S)- (9CI) (CA INDEX NAME)

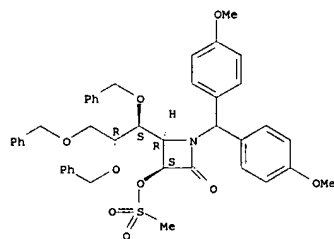
Absolute stereochemistry.



RN 259792-46-6 HCAPLUS
CN 2-Azetidinone, 1-[bis(4-methoxyphenyl)methyl]-3-[(methylsulfonyl)oxy]-4-[(1S,2R)-1,2,3-tris(phenylmethoxy)propyl]-, (3S,4R)- (9CI) (CA INDEX NAME)

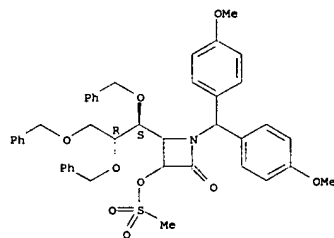
Absolute stereochemistry.

L7 ANSWER 3 OF 29 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 259792-47-7 HCAPLUS
CN 2-Azetidinone, 1-[bis(4-methoxyphenyl)methyl]-3-[(methylsulfonyl)oxy]-4-[(1S,2R)-1,2,3-tris(phenylmethoxy)propyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



REFERENCE COUNT: 159 THERE ARE 159 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE REFORMAT

L7 ANSWER 4 OF 29 HCAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1995:448575 HCAPLUS
DOCUMENT NUMBER: 123:83293

TITLE: 7-Azetidinylquinolones as Antibacterial Agents. 3. Synthesis, Properties and Structure-Activity Relationships of the Stereoisomers Containing a 7-(3-Amino-2-methyl-1-azetidinyl) Moiety
AUTHOR(S): Frigola, Jordi; Vano, David; Torrens, Antoni; Gomez-Gomar, Angels; Ortega, Edmundo; Garcia-Granda, Santiago

CORPORATE SOURCE: Department of Medicinal Chemistry, Laboratorios Dr. Esteve S.A., Barcelona, 08041, Spain
SOURCE: Journal of Medicinal Chemistry (1995), 38(7), 1203-15
CODEN: JMCMAR; ISSN: 0022-2623

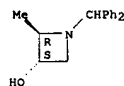
PUBLISHER: American Chemical Society
DOCUMENT TYPE: Journal
LANGUAGE: English
IT 138876-39-8P 138876-40-1P 164906-64-3P

164906-65-4P
RL: PUR (Purification or recovery); RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and antibacterial activity of azetidinyl derivs.

quinolinones, naphthyridinones, and pyridobenzoxazinones)

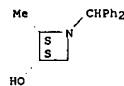
RN 138876-39-8 HCAPLUS
CN 3-Azetidinol, 1-(diphenylmethyl)-2-methyl-, (2R-trans)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 164906-64-3 HCAPLUS
CN 3-Azetidinol, 1-(diphenylmethyl)-2-methyl-, (2S-cis)- (9CI) (CA INDEX NAME)

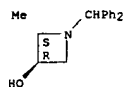
Absolute stereochemistry.



RN 164906-64-3 HCAPLUS
CN 3-Azetidinol, 1-(diphenylmethyl)-2-methyl-, (2S,3R)- (9CI) (CA INDEX NAME)

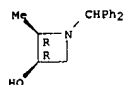
Absolute stereochemistry.

L7 ANSWER 4 OF 29 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)



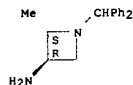
RN 164906-65-4 HCAPLUS
CN 3-Azetidinol, 1-(diphenylmethyl)-2-methyl-, (2R-cis)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



IT 161816-69-9P 164906-66-5P 164906-67-6P
164906-68-7P 164906-69-8P 164906-70-1P
164906-71-2P 164906-72-3P 164906-84-7P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and antibacterial activity of azetidinyl derivs.
quinolinones,
naphthyridinones, and pyridobenzoxazinones)
RN 161816-69-9 HCAPLUS
CN 3-Azetidinamine, 1-(diphenylmethyl)-2-methyl-, (2S-trans)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

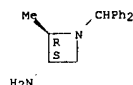


RN 164906-66-5 HCAPLUS
CN 3-Azetidinol, 1-(diphenylmethyl)-2-methyl-, methanesulfonate (ester), (2S-trans)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

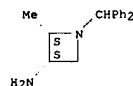
L7 ANSWER 4 OF 29 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)

Absolute stereochemistry.



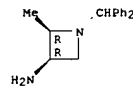
RN 164906-71-2 HCAPLUS
CN 3-Azetidinamine, 1-(diphenylmethyl)-2-methyl-, (2S-cis)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 164906-72-3 HCAPLUS
CN 3-Azetidinamine, 1-(diphenylmethyl)-2-methyl-, (2R-cis)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

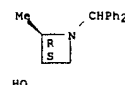


RN 164906-84-7 HCAPLUS
CN Bicyclo[2.2.1]heptane-1-methanesulfonic acid, 7,7-dimethyl-2-oxo-, (1S)-, compd. with (2R-trans)-1-(diphenylmethyl)-2-methyl-3-azetidinol (1:1) (9CI) (CA INDEX NAME)

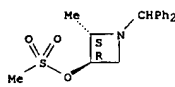
CM 1

CRN 138876-39-8
CHF C17 H19 N O

Absolute stereochemistry.

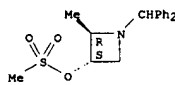


L7 ANSWER 4 OF 29 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)



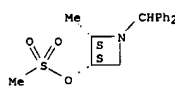
RN 164906-67-6 HCAPLUS
CN 3-Azetidinol, 1-(diphenylmethyl)-2-methyl-, methanesulfonate (ester), (2R-cis)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



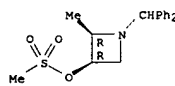
RN 164906-68-7 HCAPLUS
CN 3-Azetidinol, 1-(diphenylmethyl)-2-methyl-, methanesulfonate (ester), (2S-cis)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 164906-69-8 HCAPLUS
CN 3-Azetidinol, 1-(diphenylmethyl)-2-methyl-, methanesulfonate (ester), (2R-cis)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



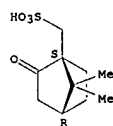
RN 164906-70-1 HCAPLUS
CN 3-Azetidinamine, 1-(diphenylmethyl)-2-methyl-, (2R-trans)- (9CI) (CA INDEX NAME)

L7 ANSWER 4 OF 29 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)

CM 2

CRN 3144-16-9
CHF C10 H16 O4 S

Absolute stereochemistry. Rotation (+).



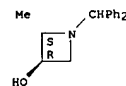
IT 165034-60-6P
RL: PRP (Properties); SPN (Synthetic preparation); PREP (Preparation)
(preparation and x-ray anal. of)

RN 165034-60-6 HCAPLUS
CN Bicyclo[2.2.1]heptane-1-methanesulfonic acid, 7,7-dimethyl-2-oxo-, (1R)-, compd. with (2S-trans)-1-(diphenylmethyl)-2-methyl-3-azetidinol (1:1) (9CI) (CA INDEX NAME)

CM 1

CRN 164906-64-3
CHF C17 H19 N O

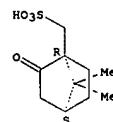
Absolute stereochemistry.



CM 2

CRN 35963-20-3
CHF C10 H16 O4 S

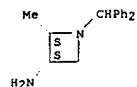
Absolute stereochemistry. Rotation (-).



L7 ANSWER 4 OF 29 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)

IT 133963-11-8P 133963-13-0P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation of)
 RN 133963-11-8 HCAPLUS
 CN 3-Azetidinamine, 1-(diphenylmethyl)-2-methyl-, dihydrochloride, (2S-cis)-
 (9CI) (CA INDEX NAME)

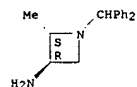
Absolute stereochemistry.



●2 HCl

RN 133963-13-0 HCAPLUS
 CN 3-Azetidinamine, 1-(diphenylmethyl)-2-methyl-, dihydrochloride,
 (2S-trans)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



●2 HCl

IT 106059-42-1
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (resolution of)
 RN 106059-42-1 HCAPLUS
 CN 3-Azetidinol, 1-(diphenylmethyl)-2-methyl-, (2R,3S)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.

L7 ANSWER 5 OF 29 HCAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1995:393160 HCAPLUS
 DOCUMENT NUMBER: 122:213533
 TITLE: 1H NMR chiral analysis of benzhydrylamine derivatives
 using β-cyclodextrin. Solution geometry of
 host-guest complexes as determined by 1D NOE and

ROESY

experiments
 AUTHOR(S): Redondo, J.; Frigola, J.; Torrens, A.; Lupon, P.
 CORPORATE SOURCE: Laboratorios Dr Esteve, Barcelona, E-08026, Spain
 SOURCE: Magnetic Resonance in Chemistry (1995), 33(2), 104-9
 CODEN: MRCHG; ISSN: 0749-1581
 PUBLISHER: Wiley
 DOCUMENT TYPE: Journal
 LANGUAGE: English

IT 161816-65-5P 161816-67-7P 161816-68-8P

161816-70-2P
 RL: PRP (Properties); SPN (Synthetic preparation); PREP (Preparation)
 (1H NMR chiral anal. of benzhydrylamine derivs. using
 β-cyclodextrin)

RN 161816-65-5 HCAPLUS

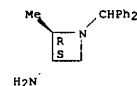
CN β-Cyclodextrin, compd. with trans-1-(diphenylmethyl)-2-methyl-3-
 azetidinamine (2:1) (9CI) (CA INDEX NAME)

CM 1

CRN 133891-54-0

CMF C17 H20 N2

Relative stereochemistry.



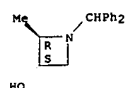
CM 2

CRN 7585-39-9

CMF C42 H70 O35

Absolute stereochemistry.

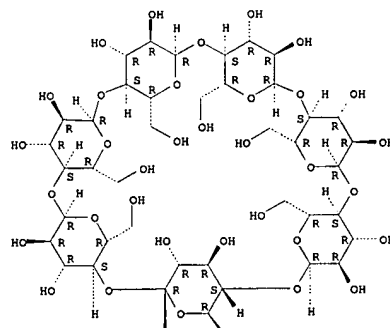
L7 ANSWER 4 OF 29 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)



HO

L7 ANSWER 5 OF 29 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)

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RN 161816-67-7 HCAPLUS

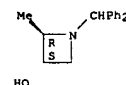
CN β-Cyclodextrin, compd. with trans-1-(diphenylmethyl)-2-methyl-3-
 azetidinol (2:1) (9CI) (CA INDEX NAME)

CM 1

CRN 106059-42-1

CMF C17 H19 N O

Relative stereochemistry.



HO

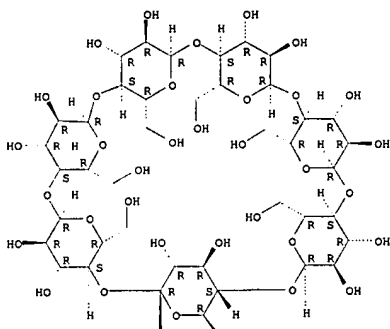
CM 2

L7 ANSWER 5 OF 29 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)

CRN 7585-39-9
CMF C42 H70 O35

Absolute stereochemistry.

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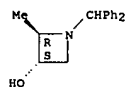
RN 161816-68-8 HCAPLUS
CN β -Cyclodextrin, compd. with trans-1-(diphenylmethyl)-2-methyl-3-azetidinol (1:1) (9CI) (CA INDEX NAME)

CM 1

CRN 106859-42-1
CMF C17 H19 N O

Relative stereochemistry.

L7 ANSWER 5 OF 29 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)

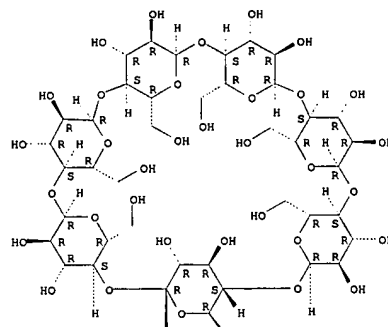


CM 2

CRN 7585-39-9
CMF C42 H70 O35

Absolute stereochemistry.

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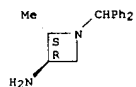
RN 161816-70-2 HCAPLUS

L7 ANSWER 5 OF 29 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)
CN β -Cyclodextrin, compd. with (2S-trans)-1-(diphenylmethyl)-2-methyl-3-azetidinamine (2:1) (9CI) (CA INDEX NAME)

CM 1

CRN 161816-69-9
CMF C17 H20 N2

Absolute stereochemistry.

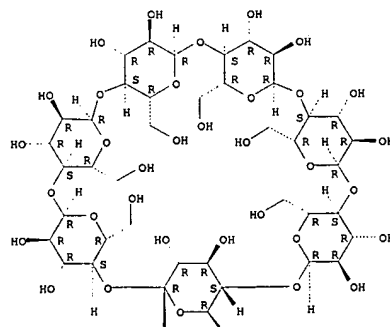


CM 2

CRN 7585-39-9
CMF C42 H70 O35

Absolute stereochemistry.

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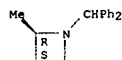
L7 ANSWER 5 OF 29 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)

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L7 ANSWER 6 OF 29 HCAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1995:196535 HCAPLUS
DOCUMENT NUMBER: 122:31298
TITLE: 7-Azetidinylquinolones as Antibacterial Agents. 2.
Synthesis and Biological Activity of
7-(2,3-Disubstituted-1-azetidiny)-4-oxoquinoline-
and
-1,8-naphthyridine-3-carboxylic Acids. Properties and
Structure-Activity Relationships of Quinolones with
an
Azetidine Moiety
AUTHOR(S): Frigola, Jordi; Torrens, Antoni; Castrillo, Jose A.;
Mas, Josep; Vano, David; Berrocal, Juana M.; Calvet,
Carme; Salgado, Leonardo; Redondo, Jordi; et al.
CORPORATE SOURCE: Department of Medicinal Chemistry, Laboratorios Dr.
Esteve S. A., Barcelona, 08041, Spain
SOURCE: Journal of Medicinal Chemistry (1994), 37(24),
4195-210
CODEN: JMCMAR; ISSN: 0022-2623
DOCUMENT TYPE: Journal
LANGUAGE: English
IT 106859-42-1P 132924-39-1P 133891-54-0P
133891-62-0P 133891-71-1P 133891-73-3P
159556-69-1P 159556-70-4P 159556-73-7P
159556-74-8P 159556-75-9P 159556-76-0P
159556-77-1P 159556-78-2P 159651-61-3P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
(Reactant or reagent)
(synthesis and antibacterial activity of (disubstituted
azetidiny)oxoquinoline- and -naphthyridinecarboxylic acids)
RN 106859-42-1 HCAPLUS
CN 3-Azetidinol, 1-(diphenylmethyl)-2-methyl-, (2R,3S)-rel- (9CI) (CA INDEX
NAME)

Relative stereochemistry.

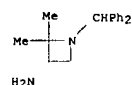


HO

RN 132924-39-1 HCAPLUS
CN 3-Azetidinol, 1-(diphenylmethyl)-2-methyl-, methanesulfonate (ester),
(2R,3S)-rel- (9CI) (CA INDEX NAME)

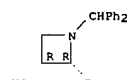
Relative stereochemistry.

L7 ANSWER 6 OF 29 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 159556-69-1 HCAPLUS
CN 3-Azetidinol, 1-(diphenylmethyl)-2-ethyl-, cis- (9CI) (CA INDEX NAME)

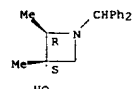
Relative stereochemistry.



HO

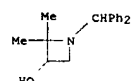
RN 159556-70-4 HCAPLUS
CN 3-Azetidinol, 1-(diphenylmethyl)-2,3-dimethyl-, trans- (9CI) (CA INDEX
NAME)

Relative stereochemistry.



HO

RN 159556-73-7 HCAPLUS
CN 3-Azetidinol, 1-(diphenylmethyl)-2,2-dimethyl- (9CI) (CA INDEX NAME)

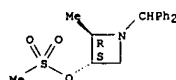


HO

RN 159556-74-8 HCAPLUS
CN 3-Azetidinol, 1-(diphenylmethyl)-2-methyl-, methanesulfonate (ester),
cis- (9CI) (CA INDEX NAME)

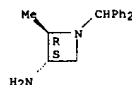
Relative stereochemistry.

L7 ANSWER 6 OF 29 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)



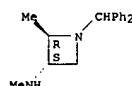
RN 133891-54-0 HCAPLUS
CN 3-Azetidinamine, 1-(diphenylmethyl)-2-methyl-, (2R,3S)-rel- (9CI) (CA
INDEX NAME)

Relative stereochemistry.



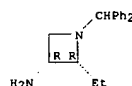
RN 133891-62-0 HCAPLUS
CN 3-Azetidinamine, 1-(diphenylmethyl)-N,2-dimethyl-, trans- (9CI) (CA
INDEX NAME)

Relative stereochemistry.



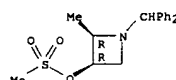
RN 133891-71-1 HCAPLUS
CN 3-Azetidinamine, 1-(diphenylmethyl)-2-ethyl-, cis- (9CI) (CA INDEX NAME)

Relative stereochemistry.



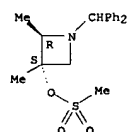
RN 133891-73-3 HCAPLUS
CN 3-Azetidinamine, 1-(diphenylmethyl)-2,2-dimethyl- (9CI) (CA INDEX NAME)

L7 ANSWER 6 OF 29 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)

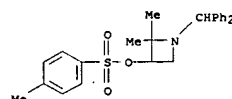


RN 159556-75-9 HCAPLUS
CN 3-Azetidinol, 1-(diphenylmethyl)-2,3-dimethyl-, methanesulfonate (ester),
trans- (9CI) (CA INDEX NAME)

Relative stereochemistry.

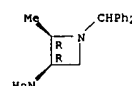


RN 159556-76-0 HCAPLUS
CN 3-Azetidinol, 1-(diphenylmethyl)-2,2-dimethyl-, 4-methylbenzenesulfonate
(ester) (9CI) (CA INDEX NAME)



RN 159556-77-1 HCAPLUS
CN 3-Azetidinamine, 1-(diphenylmethyl)-2-methyl-, cis- (9CI) (CA INDEX
NAME)

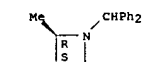
Relative stereochemistry.



RN 159556-78-2 HCAPLUS
CN 3-Azetidinamine, 1-(diphenylmethyl)-N,N,2-trimethyl-, trans- (9CI) (CA
INDEX NAME)

Relative stereochemistry.

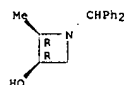
L7 ANSWER 6 OF 29 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)



Me2N

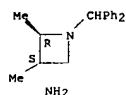
RN 159651-60-2 HCAPLUS
 CN 3-Azetidinol, 1-(diphenylmethyl)-2-methyl-, cis- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 159651-61-3 HCAPLUS
 CN 3-Azetidinamine, 1-(diphenylmethyl)-2,3-dimethyl-, trans- (9CI) (CA INDEX NAME)

Relative stereochemistry.



L7 ANSWER 7 OF 29 HCAPLUS COPYRIGHT 2006 ACS on STN

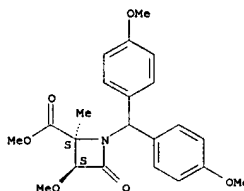
ACCESSION NUMBER: 1995:4457 HCAPLUS
 DOCUMENT NUMBER: 122:56432
 TITLE: The cycloaddition of monoalkylketenes to ester-derived imines: a concise stereoselective approach to α,β -disubstituted aspartates and 3,4-dialkylsubstituted β -lactams

AUTHOR(S): Palomo, Claudio; Alzpurua, Jesus M.; Galarza, Regina; Iturburu, Miren; Legido, Marta
 CORPORATE SOURCE: Fac. Quim., Univ. Pais Vasco, San Sebastian, 20080, Spain
 SOURCE: Bioorganic & Medicinal Chemistry Letters (1993), 3(11), 2461-6
 CODEN: BMCLES; ISSN: 0960-894X

DOCUMENT TYPE: Journal
 LANGUAGE: English
 OTHER SOURCE(S): CASREACT 122:56432

IT 160027-41-8P 160027-42-9P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (preparation and saponification of)
 RN 160027-41-8 HCAPLUS
 CN 2-Azetidinecarboxylic acid, 1-[bis(4-methoxyphenyl)methyl]-3-methoxy-2-methyl-4-oxo-, methyl ester, cis- (9CI) (CA INDEX NAME)

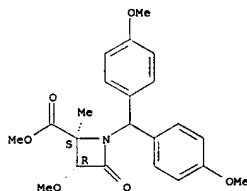
Relative stereochemistry.



RN 160027-42-9 HCAPLUS
 CN 2-Azetidinecarboxylic acid, 1-[bis(4-methoxyphenyl)methyl]-3-methoxy-2-methyl-4-oxo-, methyl ester, trans- (9CI) (CA INDEX NAME)

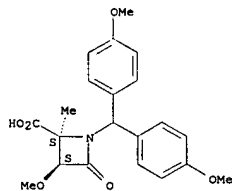
Relative stereochemistry.

L7 ANSWER 7 OF 29 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)



IT 160027-47-4P 160027-48-5P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation, acid chlorination, and radical dechlorocarbonylation of, stereochem. of)
 RN 160027-47-4 HCAPLUS
 CN 2-Azetidinecarboxylic acid, 1-[bis(4-methoxyphenyl)methyl]-3-methoxy-2-methyl-4-oxo-, cis- (9CI) (CA INDEX NAME)

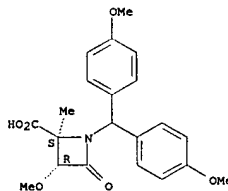
Relative stereochemistry.



RN 160027-48-5 HCAPLUS
 CN 2-Azetidinecarboxylic acid, 1-[bis(4-methoxyphenyl)methyl]-3-methoxy-2-methyl-4-oxo-, trans- (9CI) (CA INDEX NAME)

Relative stereochemistry.

L7 ANSWER 7 OF 29 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)

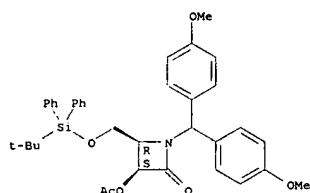


L7 ANSWER 8 OF 29 HCAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 1994:298456 HCAPLUS
 DOCUMENT NUMBER: 120:298456
 TITLE: Preparation of 2-azetidinone (β -lactam) derivatives
 INVENTOR(S): Sunakawa, Jun; Matsumura, Haruki
 PATENT ASSIGNEE(S): Sumitomo Pharmaceuticals Co., Ltd., Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 12 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 05310691	A2	19931122	JP 1992-148758	19920514
PRIORITY APPLN. INFO.:			JP 1992-148758	19920514

OTHER SOURCE(S): CASREACT 120:298456; MARPAT 120:298456
 IT 154844-73-2P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation and N-deprotection of)
 RN 154844-73-2 HCAPLUS
 CN 2-Azetidinone, 3-(acetyloxy)-1-[bis(4-methoxyphenyl)methyl]-4-[[[(1,1-dimethylethyl)diphenylsilyl]oxy]methyl]-, cis- (9CI) (CA INDEX NAME)

Relative stereochemistry.

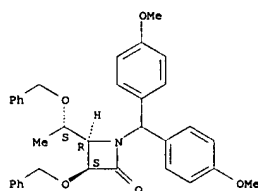


IT 154844-69-6P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation of)
 RN 154844-69-6 HCAPLUS
 CN 2-Azetidinone, 3-(acetyloxy)-4-[(acetyloxy)methyl]-1-[bis(4-methoxyphenyl)methyl]-, cis- (9CI) (CA INDEX NAME)

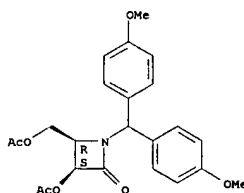
Relative stereochemistry.

L7 ANSWER 9 OF 29 HCAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 1993:192226 HCAPLUS
 DOCUMENT NUMBER: 118:192226
 TITLE: A new entry to 1,3-polyols, 2-amino 1,3-polyols, and β -(1-hydroxyalkyl)isoserines using azetidinone frameworks as chiral templates via iterative asymmetric [2 + 2] cycloaddition reactions
 AUTHOR(S): Palomo, Claudio; Aizpurua, Jesus M.; Urchegui, Raquel;
 Garcia, Jesus M.
 CORPORATE SOURCE: Fac. Quim., Univ. Pais Vasco, San Sebastian, 20080, Spain
 SOURCE: Journal of Organic Chemistry (1993), 58(7), 1646-8
 CODEN: JOCEAH; ISSN: 0022-3263
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 OTHER SOURCE(S): CASREACT 118:192226
 IT 146860-90-4P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (preparation and oxidative dearylation of, with ceric ammonium nitrate)
 RN 146860-90-4 HCAPLUS
 CN 2-Azetidinone, 1-[bis(4-methoxyphenyl)methyl]-3-(phenylmethoxy)-4-[1-(phenylmethoxy)ethyl]-, {3S-[3a,4a(R*)]}- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

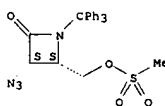


L7 ANSWER 8 OF 29 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)



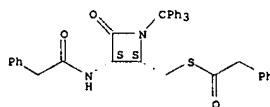
L7 ANSWER 10 OF 29 HCAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 1993:38632 HCAPLUS
 DOCUMENT NUMBER: 118:38632
 TITLE: Syntheses of novel isopenam and isocphem antibiotics.
 AUTHOR(S): Preparation of a retinamido derivative of a highly strained β -lactam as potent anticancer agent
 Hakimelahi, Gholam H.; Shiao, Min Jen; Hwu, Jih Ru; Davari, Hady
 CORPORATE SOURCE: Inst. Chem., Acad. Sin., Taipei, 11529, Taiwan
 SOURCE: Helvetica Chimica Acta (1992), 75(6), 1840-7
 CODEN: HCAVAV; ISSN: 0018-019X
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 IT 145235-50-3P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation and condensation of, with phenylthioacetate)
 RN 145235-50-3 HCAPLUS
 CN 2-Azetidinone, 3-azido-4-[[[methylsulfonyl]oxy]methyl]-1-(triphenylmethyl)-, cis- (9CI) (CA INDEX NAME)

Relative stereochemistry.



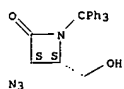
IT 145235-51-4P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (preparation and detritylation of)
 RN 145235-51-4 HCAPLUS
 CN Benzeneethanethioic acid, S-[[[4-oxo-3-[(phenylacetyl)amino]-1-(triphenylmethyl)-2-azetidinyl]methyl] ester, cis- (9CI) (CA INDEX NAME)

Relative stereochemistry.



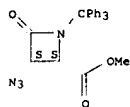
IT 145235-49-0P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (preparation and mesylation of)
 RN 145235-49-0 HCAPLUS
 CN 2-Azetidinone, 3-azido-4-(hydroxymethyl)-1-(triphenylmethyl)-, cis- (9CI) (CA INDEX NAME)

L7 ANSWER 10 OF 29 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)
Relative stereochemistry.



IT 145235-48-9P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and reduction of)
RN 145235-48-9 HCAPLUS
CN 2-Azetidinecarboxylic acid, 3-azido-4-oxo-1-(triphenylmethyl)-, methyl ester, cis- (9CI) (CA INDEX NAME)

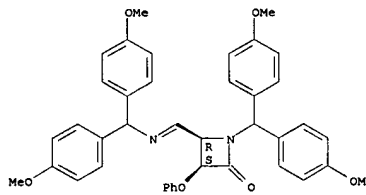
Relative stereochemistry.



L7 ANSWER 11 OF 29 HCAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1992:612190 HCAPLUS
DOCUMENT NUMBER: 117:212190
TITLE: Stereoselective preparation of mono- and bis-β-lactams by the 1,4-diaza-1,3-diene - acid chloride condensation: scope and synthetic applications
AUTHOR(S): Alcalde, Benito; Martín-Cantalejo, Yolanda; Pérez-Castells, Javier; Rodríguez-López, Julian; Sierra, Miguel A.; Monge, Angeles; Pérez-García, Virginia
CORPORATE SOURCE: Fac. Quím., Univ. Complutense, Madrid, 28040, Spain
SOURCE: Journal of Organic Chemistry (1992), 57(22), 5921-31
CODEN: JOCEAH; ISSN: 0022-3263
DOCUMENT TYPE: Journal
LANGUAGE: English

IT 143902-47-0P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and cyclocondensation of, with acid chlorides)
RN 143902-47-0 HCAPLUS
CN 2-Azetidinone, 1-[[bis(4-methoxyphenyl)methyl]-4-[[bis(4-methoxyphenyl)methyl]imino]methyl]-3-phenoxy-, cis- (9CI) (CA INDEX NAME)

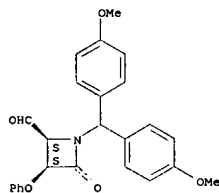
Relative stereochemistry.
Double bond geometry unknown.



IT 143902-49-2P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 143902-49-2 HCAPLUS
CN 2-Azetidinecarboxaldehyde, 1-[[bis(4-methoxyphenyl)methyl]-4-oxo-3-phenoxy-, cis- (9CI) (CA INDEX NAME)

Relative stereochemistry.

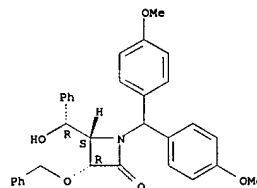
L7 ANSWER 11 OF 29 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)



L7 ANSWER 12 OF 29 HCAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1992:408388 HCAPLUS
DOCUMENT NUMBER: 117:8388
TITLE: A stereoselective synthesis of the (2R,3S)- and (2S,3R)-3-amino-2-hydroxybutyric acid derivatives, the key components of a renin inhibitor and bestatin
AUTHOR(S): Kobayashi, Yuko; Takemoto, Yoshiji; Kamiyo, Harada, Hiromu; Ito, Yoshio; Terashima, Shiro
CORPORATE SOURCE: Sagami Chem. Res. Cent., Kanagawa, 229, Japan
SOURCE: Tetrahedron (1992), 48(10), 1853-68
CODEN: TETRAB; ISSN: 0040-4020
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 117:8388

IT 130115-14-9P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and Swern oxidation of, ketone from)
RN 130115-14-9 HCAPLUS
CN 2-Azetidinone, 1-[[bis(4-methoxyphenyl)methyl]-4-(hydroxyphenylmethyl)-3-(phenylmethoxy)-, [3R-[3α,4α(R*)]]- (9CI) (CA INDEX NAME)

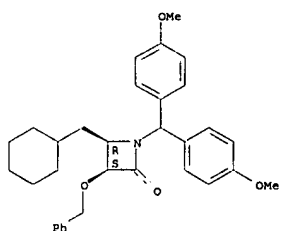
Absolute stereochemistry.



IT 129426-38-6P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and acidic hydrolysis-ring cleavage of)
RN 129426-38-6 HCAPLUS
CN 2-Azetidinone, 1-[[bis(4-methoxyphenyl)methyl]-4-(cyclohexylmethyl)-3-(phenylmethoxy)-, cis- (9CI) (CA INDEX NAME)

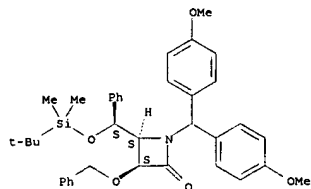
Relative stereochemistry.

L7 ANSWER 12 OF 29 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)



IT 130115-09-2P 130115-21-0P 141310-53-0P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (preparation and alcoholysis-ring cleavage of)
 RN 130115-09-2 HCAPLUS
 CN 2-Azetidinone, 1-[[[1,1-dimethylethoxy]phenylmethyl]-3-(phenylmethoxy)-, [3S-[3a,4a(R*)]]- (9CI) (CA INDEX NAME)

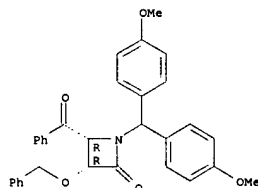
Absolute stereochemistry.



RN 130115-21-8 HCAPLUS
 CN 2-Azetidinone, 1-[[[1,1-dimethylethoxy]phenylmethyl]-3-(phenylmethoxy)-, [3R-[3a,4a(R*)]]- (9CI) (CA INDEX NAME)

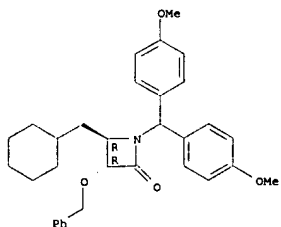
Absolute stereochemistry.

L7 ANSWER 12 OF 29 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)



IT 129397-40-6P 130193-82-7P 130193-83-8P
 141318-55-0P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation of)
 RN 129397-40-6 HCAPLUS
 CN 2-Azetidinone, 1-[[[1,1-dimethylethoxy]phenylmethyl]-3-(phenylmethoxy)-, trans- (9CI) (CA INDEX NAME)

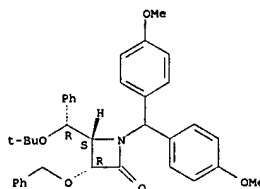
Relative stereochemistry.



RN 130193-82-7 HCAPLUS
 CN 2-Azetidinone, 1-[[[1,1-dimethylethoxy]phenylmethyl]-3-(phenylmethoxy)-, [3R-[3a,4a(S*)]]- (9CI) (CA INDEX NAME)

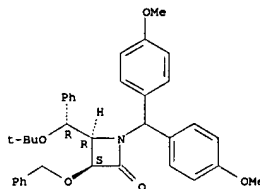
Absolute stereochemistry.

L7 ANSWER 12 OF 29 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 141318-53-8 HCAPLUS
 CN 2-Azetidinone, 1-[[[1,1-dimethylethoxy]phenylmethyl]-3-(phenylmethoxy)-, [3S-[3a,4a(S*)]]- (9CI) (CA INDEX NAME)

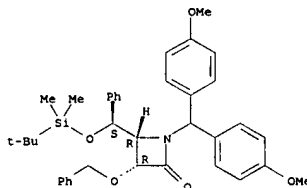
Absolute stereochemistry.



IT 130115-15-0P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (preparation and hydride reduction of)
 RN 130115-15-0 HCAPLUS
 CN 2-Azetidinone, 4-benzoyl-1-[[[1,1-dimethylethoxy]phenylmethyl]-3-(phenylmethoxy)-, (3R-cis)- (9CI) (CA INDEX NAME)

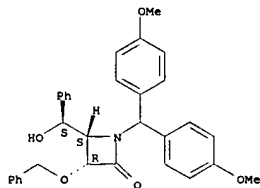
Absolute stereochemistry.

L7 ANSWER 12 OF 29 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)



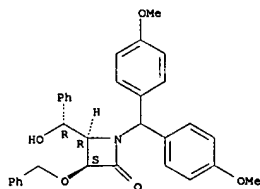
RN 130193-83-8 HCAPLUS
 CN 2-Azetidinone, 1-[[[1,1-dimethylethoxy]phenylmethyl]-3-(phenylmethoxy)-, [3R-[3a,4a(S*)]]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 141318-55-0 HCAPLUS
 CN 2-Azetidinone, 1-[[[1,1-dimethylethoxy]phenylmethyl]-3-(phenylmethoxy)-, [3S-[3a,4a(S*)]]- (9CI) (CA INDEX NAME)

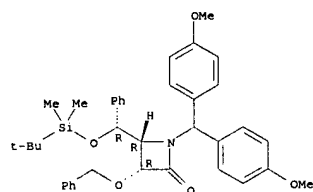
Absolute stereochemistry.



IT 130193-84-9P 130193-85-0P

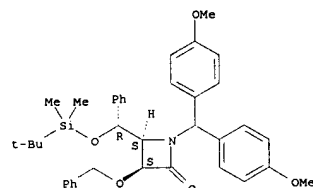
L7 ANSWER 12 OF 29 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn., desilylation, or alcoholysis-ring cleavage of)
RN 130193-84-9 HCAPLUS
CN 2-Azetidinone, 1-[bis(4-methoxyphenyl)methyl]-4-[[[(1,1-dimethylethyl)dimethylsilyl]oxy]phenylmethyl]-3-(phenylmethoxy)-, [3R-[3a,4a(R*)]]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

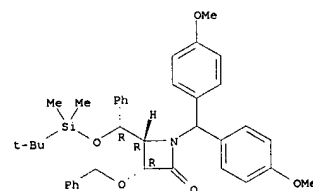


RN 130193-85-0 HCAPLUS
CN 2-Azetidinone, 1-[bis(4-methoxyphenyl)methyl]-4-[[[(1,1-dimethylethyl)dimethylsilyl]oxy]phenylmethyl]-3-(phenylmethoxy)-, [3S-[3a,4a(S*)]]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

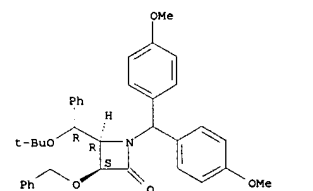


L7 ANSWER 13 OF 29 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 141318-53-8 HCAPLUS
CN 2-Azetidinone, 1-[bis(4-methoxyphenyl)methyl]-4-[[[(1,1-dimethylethyl)dimethylsilyl]oxy]phenylmethyl]-3-(phenylmethoxy)-, [3S-[3a,4a(S*)]]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



IT 130193-85-0P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 130193-85-0 HCAPLUS
CN 2-Azetidinone, 1-[bis(4-methoxyphenyl)methyl]-4-[[[(1,1-dimethylethyl)dimethylsilyl]oxy]phenylmethyl]-3-(phenylmethoxy)-, [3S-[3a,4a(S*)]]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

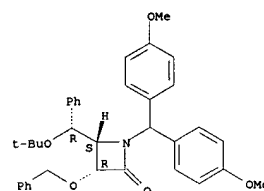
L7 ANSWER 13 OF 29 HCAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1992:407787 HCAPLUS
DOCUMENT NUMBER: 117:7787
TITLE: Preparation of (3R)-2-azetidinone derivatives
INVENTOR(S): Terajima, Atsuro; Ito, Yoshio; Takemoto, Yoshiji;
Kobayashi, Yuko; Kamiyo, Tetsukyo; Harada, Hiroshi
PATENT ASSIGNEE(S): Kissei Pharmaceutical Co., Ltd., Japan; Sagami
Chemical Research Center
SOURCE: Jpn. Kokai Tokkyo Koho, 15 pp.
CODEN: JXXXXX
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 03284665	A2	19911216	JP 1990-85270	19900330
JP 08016099	B4	19960221	JP 1990-85270	19900330

PRIORITY APPLN. INFO.: JP 1990-85270 19900330

OTHER SOURCE(S): CASREACT 117:7787; MARPAT 117:7787
IT 130115-21-8P 130193-84-9P 141318-53-8P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
(Reactant or reagent)
(preparation and hydrolysis of)
RN 130115-21-8 HCAPLUS
CN 2-Azetidinone, 1-[bis(4-methoxyphenyl)methyl]-4-[[[(1,1-dimethylethyl)dimethylsilyl]oxy]phenylmethyl]-3-(phenylmethoxy)-, [3R-[3a,4a(R*)]]- (9CI) (CA INDEX NAME)

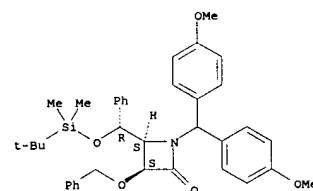
Absolute stereochemistry.



RN 130193-84-9 HCAPLUS
CN 2-Azetidinone, 1-[bis(4-methoxyphenyl)methyl]-4-[[[(1,1-dimethylethyl)dimethylsilyl]oxy]phenylmethyl]-3-(phenylmethoxy)-, [3R-[3a,4a(R*)]]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

L7 ANSWER 13 OF 29 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)



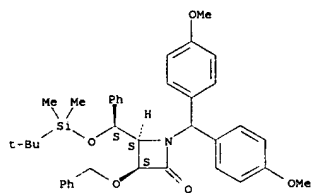
L7 ANSWER 14 OF 29 HCAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1992:151547 HCAPLUS
DOCUMENT NUMBER: 116:151547
TITLE: (3S)-2-Azetidinones as intermediates for bestatin and their preparation
INVENTOR(S): Terajima, Atsuro; Ito, Yoshio; Kobayashi, Yuko; Kobayashi, Juko
PATENT ASSIGNEE(S): Sagami Chemical Research Center, Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 10 pp.
CODEN: JXXXXP
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 03236371	A2	19911022	JP 1990-31623	19900214
PRIORITY APPLN. INFO.:			JP 1990-31623	19900214

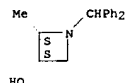
OTHER SOURCE(S): CASREACT 116:151547; MARPAT 116:151547

IT 130115-09-2P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of, as intermediate for bestatin)
RN 130115-09-2 HCAPLUS
CN 2-Azetidinone, 1-[bis(4-methoxyphenyl)methyl]-4-[[[(1,1-dimethylethyl)dimethylsilyl]oxy]phenylmethyl]-3-(phenylmethoxy)-, [3S-(3a,4a(R*))]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

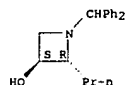


L7 ANSWER 15 OF 29 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)



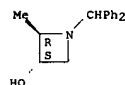
L7 ANSWER 15 OF 29 HCAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1992:105987 HCAPLUS
DOCUMENT NUMBER: 116:105987
TITLE: A versatile enantiospecific approach to 3-azetidinols and aziridines
AUTHOR(S): Poch, Marta; Verdaguier, Xavier; Moyano, Albert; Pericas, Miquel A.; Riera, Antoni
CORPORATE SOURCE: Dep. Quim. Org., Univ. Barcelona, Barcelona, 08028, Spain
SOURCE: Tetrahedron Letters (1991), 32(47), 6935-8
CODEN: TELEAY; ISSN: 0040-4039
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 116:105987
IT 138826-19-4P 138876-39-8P 138876-40-1P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 138826-19-4 HCAPLUS
CN 3-Azetidinol, 1-(diphenylmethyl)-2-propyl-, (2R-trans)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 138876-39-8 HCAPLUS
CN 3-Azetidinol, 1-(diphenylmethyl)-2-methyl-, (2R-trans)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

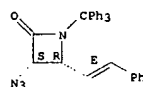


RN 138876-40-1 HCAPLUS
CN 3-Azetidinol, 1-(diphenylmethyl)-2-methyl-, (2S-cis)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

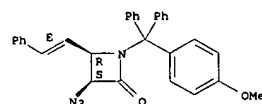
L7 ANSWER 16 OF 29 HCAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1991:607716 HCAPLUS
DOCUMENT NUMBER: 115:207716
TITLE: A simple method for the preparation of cis-(3-azido-4-styryl)-2-azetidinone
AUTHOR(S): Hakimehah, Gholam H.; Sardarian, Ali R.
CORPORATE SOURCE: Chem. Dep., Shiraz Univ., Shiraz, Iran
SOURCE: Iranian Journal of Chemistry & Chemical Engineering (1990), 13, 19-24
CODEN: IJCEE9; ISSN: 1011-3509
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 115:207716
IT 136809-09-1P 136809-10-4P 136809-11-5P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and deblocking of, potassium perchlorate in)
RN 136809-09-1 HCAPLUS
CN 2-Azetidinone, 3-azido-4-(2-phenylethenyl)-1-(triphenylmethyl)-, [3a,4a(E)]- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.



RN 136809-10-4 HCAPLUS
CN 2-Azetidinone, 3-azido-1-[(4-methoxyphenyl)diphenylmethyl]-4-(2-phenylethenyl)-, [3a,4a(E)]- (9CI) (CA INDEX NAME)

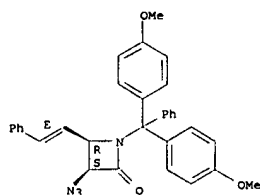
Relative stereochemistry.
Double bond geometry as shown.



RN 136809-11-5 HCAPLUS
CN 2-Azetidinone, 3-azido-1-[bis(4-methoxyphenyl)phenylmethyl]-4-(2-phenylethenyl)-, [3a,4a(E)]- (9CI) (CA INDEX NAME)

Relative stereochemistry.
Double bond geometry as shown.

L7 ANSWER 16 OF 29 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)



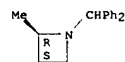
L7 ANSWER 17 OF 29 HCAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 1991:247111 HCAPLUS
 DOCUMENT NUMBER: 114:247111
 TITLE: Preparation of azetidines as intermediates for antibacterials
 INVENTOR(S): Frigola-Constansa, Jordi; Colombo-Pinol, Augusto; Pares-Corominas, Juan
 PATENT ASSIGNEE(S): Laboratorios del Dr. Esteve S.A., Spain
 SOURCE: Eur. Pat. Appl., 23 pp.
 CODEN: EPXXDW
 DOCUMENT TYPE: Patent
 LANGUAGE: French
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 406112	A1	19910102	EP 1990-401860	19900628
EP 406112	B1	19941228		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE				
FR 2649100	A1	19910104	FR 1989-8696	19890629
FR 2649100	B1	19940304		
US 5073646	A	19911217	US 1990-541056	19900620
NO 9002866	A	19910102	NO 1990-2866	19900627
NO 175778	B	19940829		
NO 175778	C	19941207		
AU 9057937	A1	19910104	AU 1990-57937	19900627
AU 622332	B2	19920402		
CA 2020097	AA	19901230	CA 1990-2020097	19900628
CA 2020097	C	19970930		
HU 54641	A2	19910328	HU 1990-4024	19900628
HU 208808	B	19940128		
ZA 9005044	A	19910529	ZA 1990-5044	19900628
DD 288911	A5	19920319	DD 1990-342262	19900628
RU 2002739	C1	19931115	RU 1990-4830563	19900628
IN 174570	A	19950107	IN 1990-DE658	19900628
JP 03038565	A2	19910219	JP 1990-174318	19900629
ES 2029160	A6	19920716	ES 1990-1914	19900629
PRIORITY APPLN. INFO.:			FR 1989-8696	A 19890629
			FR 1989-8698	19890629

OTHER SOURCE(S): CASREACT 114:247111; MARPAT 114:247111
 IT 106859-42-1P 132924-39-1P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (preparation and reaction of, in preparation of intermediate for antibacterials)
 RN 106859-42-1 HCAPLUS
 CN 3-Azetidinol, 1-(diphenylmethyl)-2-methyl-, (2R,3S)-rel- (9CI) (CA INDEX NAME)

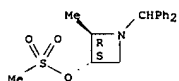
Relative stereochemistry.

L7 ANSWER 17 OF 29 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)



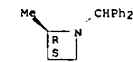
HO
 RN 132924-39-1 HCAPLUS
 CN 3-Azetidinol, 1-(diphenylmethyl)-2-methyl-, methanesulfonate (ester), (2R,3S)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



IT 133891-54-0P 133891-55-1P 133891-62-0P
 133891-63-1P 133891-67-5P 133891-68-6P
 133891-71-1P 133891-72-2P 133891-73-3P
 133891-74-4P 133891-10-7P 133891-11-8P
 133891-12-9P 133891-13-0P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation of, as intermediate for antibacterials)
 RN 133891-54-0 HCAPLUS
 CN 3-Azetidinamine, 1-(diphenylmethyl)-2-methyl-, (2R,3S)-rel- (9CI) (CA INDEX NAME)

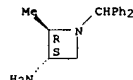
Relative stereochemistry.



H2N
 RN 133891-55-1 HCAPLUS
 CN 3-Azetidinamine, 1-(diphenylmethyl)-2-methyl-, dihydrochloride, trans- (9CI) (CA INDEX NAME)

Relative stereochemistry.

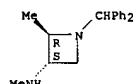
L7 ANSWER 17 OF 29 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)



● 2 HCl

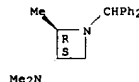
RN 133891-62-0 HCAPLUS
 CN 3-Azetidinamine, 1-(diphenylmethyl)-N,2-dimethyl-, trans- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 133891-63-1 HCAPLUS
 CN 3-Azetidinamine, 1-(diphenylmethyl)-N,N,2-trimethyl-, dihydrochloride, trans- (9CI) (CA INDEX NAME)

Relative stereochemistry.



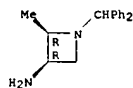
Me2N

● 2 HCl

RN 133891-67-5 HCAPLUS
 CN 3-Azetidinamine, 1-(diphenylmethyl)-2-methyl-, dihydrochloride, cis- (9CI) (CA INDEX NAME)

Relative stereochemistry.

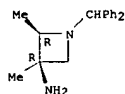
L7 ANSWER 17 OF 29 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)



● 2 HCl

RN 133891-68-6 HCAPLUS
CN 3-Azetidinamine, 1-(diphenylmethyl)-2,3-dimethyl-, dihydrochloride, (2R-cis)- (9CI) (CA INDEX NAME)

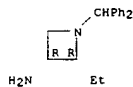
Absolute stereochemistry.



● 2 HCl

RN 133891-71-1 HCAPLUS
CN 3-Azetidinamine, 1-(diphenylmethyl)-2-ethyl-, cis- (9CI) (CA INDEX NAME)

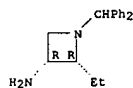
Relative stereochemistry.



RN 133891-72-2 HCAPLUS
CN 3-Azetidinamine, 1-(diphenylmethyl)-2-ethyl-, dihydrochloride, cis- (9CI) (CA INDEX NAME)

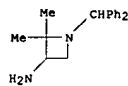
Relative stereochemistry.

L7 ANSWER 17 OF 29 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)

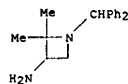


● 2 HCl

RN 133891-73-3 HCAPLUS
CN 3-Azetidinamine, 1-(diphenylmethyl)-2,2-dimethyl- (9CI) (CA INDEX NAME)



RN 133891-74-4 HCAPLUS
CN 3-Azetidinamine, 1-(diphenylmethyl)-2,2-dimethyl-, dihydrochloride (9CI) (CA INDEX NAME)

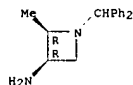


● 2 HCl

RN 133963-10-7 HCAPLUS
CN 3-Azetidinamine, 1-(diphenylmethyl)-2-methyl-, dihydrochloride, (2R-cis)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

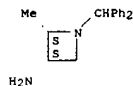
L7 ANSWER 17 OF 29 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)



● 2 HCl

RN 133963-11-8 HCAPLUS
CN 3-Azetidinamine, 1-(diphenylmethyl)-2-methyl-, dihydrochloride, (2S-cis)- (9CI) (CA INDEX NAME)

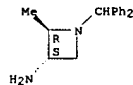
Absolute stereochemistry.



● 2 HCl

RN 133963-12-9 HCAPLUS
CN 3-Azetidinamine, 1-(diphenylmethyl)-2-methyl-, dihydrochloride, (2R-trans)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

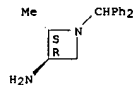


● 2 HCl

RN 133963-13-0 HCAPLUS
CN 3-Azetidinamine, 1-(diphenylmethyl)-2-methyl-, dihydrochloride, (2S-trans)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

L7 ANSWER 17 OF 29 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)



● 2 HCl

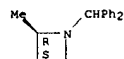
L7 ANSWER 18 OF 29 HCAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1991:163978 HCAPLUS
DOCUMENT NUMBER: 114:163978
TITLE: Preparation of azetidinecarboxamides and
azetidinecarbothioamides as anticonvulsants and
antiepileptics
INVENTOR(S): Taylor, Chandler R., Jr.; Cale, Albert D., Jr.;
Stauffer, Harold F., Jr.
PATENT ASSIGNEE(S): A. H. Robins Co., Inc., USA
SOURCE: U.S., 35 pp. Cont.-in-part of U.S. Ser. No. 706,621,
abandoned.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 4956359	A	19900911	US 1986-921466	19861022
ZA 8601210	A	19871028	ZA 1986-1210	19860218
AU 8653887	A1	19860904	AU 1986-53887	19860221
AU 599585	B2	19900726		
DK 8600900	A	19860829	DK 1986-900	19860227
DK 169267	B1	19940926		
JP 61210031	A2	19860918	JP 1986-43905	19860228
JP 06099306	B4	19941207		

PRIORITY APPLN. INFO.: US 1985-706621 B2 19850228

OTHER SOURCE(S): MARPAT 114:163978
IT 106859-42-1P 106859-43-2P 106859-48-7P
106880-12-0P 132924-39-1P 132924-62-0P
132924-63-1P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of, as anticonvulsant)
RN 106859-42-1 HCAPLUS
CN 3-Azetidinol, 1-(diphenylmethyl)-2-methyl-, (2R,3S)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



HO

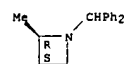
RN 106859-43-2 HCAPLUS
CN 3-Azetidinol, 1-(diphenylmethyl)-2-methyl-, trans-, ethanedioate (1:1)
(salt) (9CI) (CA INDEX NAME)

CM 1

CRN 106859-42-1

L7 ANSWER 18 OF 29 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)
CHF C17 H19 N O

Relative stereochemistry.



HO

CM 2

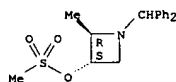
CRN 144-62-7

CHF C2 H2 O4



RN 106859-48-7 HCAPLUS
CN 3-Azetidinol, 1-(diphenylmethyl)-2-methyl-, methanesulfonate (ester),
hydrochloride, trans- (9CI) (CA INDEX NAME)

Relative stereochemistry.



● HCl

RN 106880-12-0 HCAPLUS
CN Azetidine, 1-(diphenylmethyl)-2-methyl-3-[(3-(trifluoromethyl)phenoxy)-,
trans-, ethanedioate (1:1) (9CI) (CA INDEX NAME)

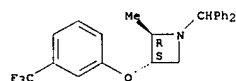
CM 1

CRN 106880-11-9

CHF C24 H22 F3 N O

Relative stereochemistry.

L7 ANSWER 18 OF 29 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)



CM 2

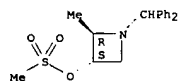
CRN 144-62-7

CHF C2 H2 O4



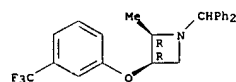
RN 132924-39-1 HCAPLUS
CN 3-Azetidinol, 1-(diphenylmethyl)-2-methyl-, methanesulfonate (ester),
(2R,3S)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 132924-62-0 HCAPLUS
CN Azetidine, 1-(diphenylmethyl)-2-methyl-3-[(3-(trifluoromethyl)phenoxy)-,
cis- (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 132924-63-1 HCAPLUS
CN Azetidine, 1-(diphenylmethyl)-2-methyl-3-[(3-(trifluoromethyl)phenoxy)-,
(2R,3R)-rel-, (2E)-2-butenedioate (1:1) (9CI) (CA INDEX NAME)

CM 1

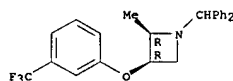
CRN 132924-62-0

CHF C24 H22 F3 N O

Relative stereochemistry.

06/23/2006

L7 ANSWER 18 OF 29 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)

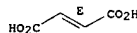


CM 2

CRN 110-17-8

CHF C4 H4 O4

Double bond geometry as shown.



L7 ANSWER 19 OF 29 HCAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1990:591882 HCAPLUS

DOCUMENT NUMBER: 113:191882

TITLE: A novel synthesis of the (2R,3S)- and (2S,3R)-3-amino-2-hydroxycarboxylic acid derivatives, the key components of a renin inhibitor and bestatin, from methyl (R)- and (S)-mandelate
Kobayashi, Yuko; Takemoto, Yoshiji; Ito, Yoshio; Terashima, Shiro

CORPORATE SOURCE: Sagami Chem. Res. Cent., Sagamihara, 229, Japan

SOURCE: Tetrahedron Letters (1990), 31(21), 3031-4

CODEN: TELEAY; ISSN: 0040-4039

DOCUMENT TYPE: Journal

LANGUAGE: English

OTHER SOURCE(S): CASREACT 113:191882

IT 130115-14-9P

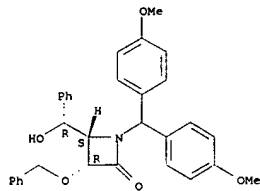
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation and Swern oxidation of)

RN 130115-14-9 HCAPLUS

CN 2-Azetidinone, 1-[bis(4-methoxyphenyl)methyl]-4-(hydroxyphenylmethyl)-3-(phenylmethoxy)-, [3R-[3 α ,4 α (R*)]]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



IT 130115-15-0P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation and hydride reduction of)

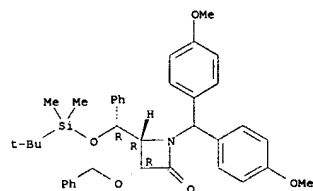
RN 130115-15-0 HCAPLUS

CN 2-Azetidinone, 4-benzoyl-1-[bis(4-methoxyphenyl)methyl]-3-(phenylmethoxy)-, (3R-cis)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

L7 ANSWER 19 OF 29 HCAPLUS COPYRIGHT 2006 ACS on STN

(Continued)



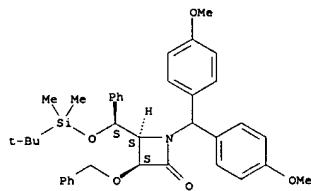
IT 130115-09-2P

RL: SPN (Synthetic preparation); PREP (Preparation) (preparation and sequential alcoholysis, deoxygenation, and deprotection of)

RN 130115-09-2 HCAPLUS

CN 2-Azetidinone, 1-[bis(4-methoxyphenyl)methyl]-4-[[[(1,1-dimethylethyl)dimethylsilyl]oxy]phenylmethyl]-3-(phenylmethoxy)-, [3S-[3 α ,4 α (R*)]]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



IT 130193-82-7P 130193-83-8P 130193-85-0P

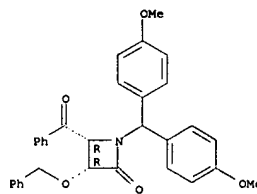
RL: SPN (Synthetic preparation); PREP (Preparation) (preparation of)

RN 130193-82-7 HCAPLUS

CN 2-Azetidinone, 1-[bis(4-methoxyphenyl)methyl]-4-[[[(1,1-dimethylethyl)dimethylsilyl]oxy]phenylmethyl]-3-(phenylmethoxy)-, [3R-[3 α ,4 α (S*)]]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

L7 ANSWER 19 OF 29 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)



IT 130115-21-8P 130193-84-9P

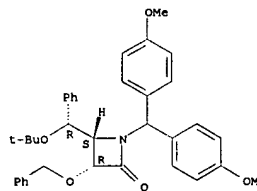
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation and ring opening of, with isopropanol)

RN 130115-21-8 HCAPLUS

CN 2-Azetidinone, 1-[bis(4-methoxyphenyl)methyl]-4-[[[(1,1-dimethylethyl)dimethylsilyl]oxy]phenylmethyl]-3-(phenylmethoxy)-, [3R-[3 α ,4 α (R*)]]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

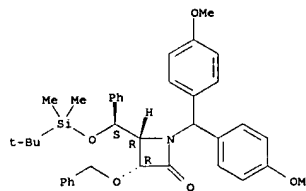


RN 130193-84-9 HCAPLUS

CN 2-Azetidinone, 1-[bis(4-methoxyphenyl)methyl]-4-[[[(1,1-dimethylethyl)dimethylsilyl]oxy]phenylmethyl]-3-(phenylmethoxy)-, [3R-[3 α ,4 α (R*)]]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

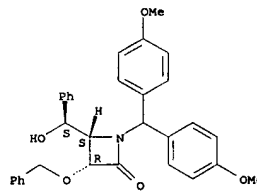
L7 ANSWER 19 OF 29 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)



RN 130193-83-8 HCAPLUS

CN 2-Azetidinone, 1-[bis(4-methoxyphenyl)methyl]-4-(hydroxyphenylmethyl)-3-(phenylmethoxy)-, [3R-[3 α ,4 α (S*)]]- (9CI) (CA INDEX NAME)

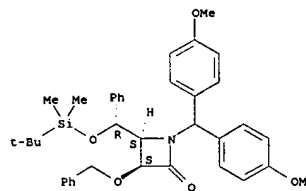
Absolute stereochemistry.



RN 130193-85-0 HCAPLUS

CN 2-Azetidinone, 1-[bis(4-methoxyphenyl)methyl]-4-[[[(1,1-dimethylethyl)dimethylsilyl]oxy]phenylmethyl]-3-(phenylmethoxy)-, [3S-[3 α ,4 α (S*)]]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



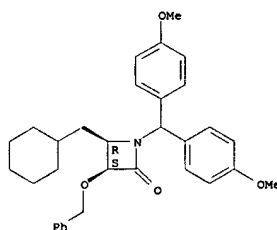
L7 ANSWER 19 OF 29 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)

L7 ANSWER 20 OF 29 HCAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 1990:552146 HCAPLUS
 DOCUMENT NUMBER: 113:152146
 TITLE: 4-Cyclohexylmethyl-2-azetidinones and their preparation as intermediates for human renin inhibitors
 INVENTOR(S): Terajima, Atsuro; Ito, Yoshio; Matsuda, Fuyuhiko; Sakai, Kunikazu; Kamiyo, Tetsukyo; Harada, Hiroshi
 PATENT ASSIGNEE(S): Kissei Pharmaceutical Co., Ltd., Japan; Sagami Chemical Research Center
 SOURCE: Jpn. Kokai Tokkyo Koho, 12 pp.
 DOCUMENT TYPE: CODEN: JKOXAF
 LANGUAGE: Patent
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION: Japanese

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 02121963	A2	19900509	JP 1988-275838	19881031
JP 08016098	B4	19960221		
PRIORITY APPLN. INFO.:			JP 1988-275838	19881031

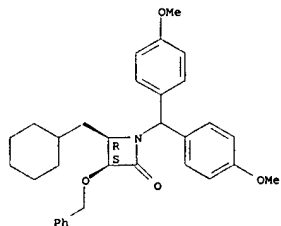
OTHER SOURCE(S): MARPAT 113:152146
 IT 129426-38-6P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation of, as intermediate for human renin inhibitor)
 RN 129426-38-6 HCAPLUS
 CN 2-Azetidinone, 1-[bis(4-methoxyphenyl)methyl]-4-(cyclohexylmethyl)-3-(phenylmethoxy)-, cis- (9CI) (CA INDEX NAME)

Relative stereochemistry.



L7 ANSWER 21 OF 29 HCAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 1990:532735 HCAPLUS
 DOCUMENT NUMBER: 113:132735
 TITLE: A novel synthesis of cyclohexylnorstatine isopropyl ester, the C-terminal component of a renin inhibitor
 Ito, Yoshio; Kamiyo, Tetsuhide; Harada, Hiromu; Terajima, Shiro
 AUTHOR(S): Sagami Chem. Res. Cent., Sagami-hara, 229, Japan
 CORPORATE SOURCE: Heterocycles (1990), 30(1, Spec. Issue), 299-302
 SOURCE: CODEN: HETCYM; ISSN: 0385-5414
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 OTHER SOURCE(S): CASREACT 113:132735
 IT 129426-38-6P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (preparation and ring opening of, with isopropanol)
 RN 129426-38-6 HCAPLUS
 CN 2-Azetidinone, 1-[bis(4-methoxyphenyl)methyl]-4-(cyclohexylmethyl)-3-(phenylmethoxy)-, cis- (9CI) (CA INDEX NAME)

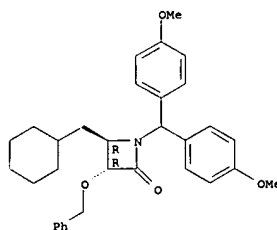
Relative stereochemistry.



IT 129397-40-6P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation of)
 RN 129397-40-6 HCAPLUS
 CN 2-Azetidinone, 1-[bis(4-methoxyphenyl)methyl]-4-(cyclohexylmethyl)-3-(phenylmethoxy)-, trans- (9CI) (CA INDEX NAME)

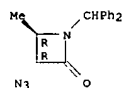
Relative stereochemistry.

L7 ANSWER 21 OF 29 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)



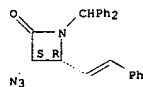
L7 ANSWER 22 OF 29 HCAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 1988:5725 HCAPLUS
 DOCUMENT NUMBER: 108:5725
 TITLE: β -Lactams. XII. A study of the synthesis of
 N-unsubstituted β -lactams, and of 4-styryl
 monobactams
 AUTHOR(S): Dugat, Denise; Just, George; Sahoo, Soumya
 CORPORATE SOURCE: Dep. Chem., McGill Univ., Montreal, QC, H3A 2K6, Can.
 SOURCE: Canadian Journal of Chemistry (1987), 65(1), 88-93
 CODEN: CJCHAG; ISSN: 0008-4042
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 OTHER SOURCE(S): CASREACT 108:5725
 IT 111540-20-6P 111540-24-0P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation and attempted N-deprotection of)
 RN 111540-20-6 HCAPLUS
 CN 2-Azetidinone, 3-azido-1-(diphenylmethyl)-4-methyl-, trans- (9CI) (CA
 INDEX NAME)

Relative stereochemistry.



RN 111540-24-0 HCAPLUS
 CN 2-Azetidinone, 3-azido-1-(diphenylmethyl)-4-(2-phenylethenyl)-, cis-
 (9CI) (CA INDEX NAME)

Relative stereochemistry.
 Double bond geometry unknown.



IT 111540-21-7P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation and N-deprotection of, with ceric ammonium nitrate)
 RN 111540-21-7 HCAPLUS
 CN 2-Azetidinone, 3-azido-1-[bis(4-methoxyphenyl)methyl]-4-methyl-, cis-
 (9CI) (CA INDEX NAME)

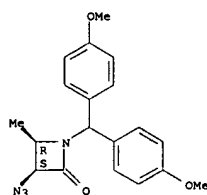
Relative stereochemistry.

L7 ANSWER 23 OF 29 HCAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 1987:102078 HCAPLUS
 DOCUMENT NUMBER: 106:102078
 TITLE: 3-(Aryloxy)azetidinecarboxamides having anti-muscle
 tension, anti-muscle spasticity, anticonvulsant and
 antiepileptic activity
 INVENTOR(S): Taylor, Chandler Roy, Jr.; Cale, Albert Duncan, Jr.;
 Johnson, David Norseen; Stauffer, Harold Fisher, Jr.
 PATENT ASSIGNEE(S): A. H. Robins Co., Inc., USA
 SOURCE: Eur. Pat. Appl., 41 pp.
 CODEN: EPXXDW
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 2
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 194112	A1	19860910	EP 1986-301449	19860228
EP 194112	B1	19900523		
R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE				
IN 162809	A	19880709	IN 1986-MA90	19860210
ZA 8601215	A	19861029	ZA 1986-1215	19860218
AU 8653888	A1	19860904	AU 1986-53888	19860221
AU 599312	B2	19900719		
IL 77995	A1	19890630	IL 1986-77995	19860226
DK 8600901	A	19860829	DK 1986-901	19860227
DK 168422	B1	19940328		
FI 8600847	A	19860829	FI 1986-847	19860227
FI 87559	B	19921015		
FI 87559	C	19930125		
ES 552472	A1	19870501	ES 1986-552472	19860227
CA 1294274	A1	19920114	CA 1986-502877	19860227
JP 61205254	A2	19860911	JP 1986-43906	19860228
JP 06099386	B4	19941207		
AT 52915	E	19900615	AT 1986-301449	19860228
US 5068231	A	19911126	US 1986-921521	19861022
US 5151418	A	19920929	US 1991-743486	19910809
US 5183902	A	19930202	US 1991-743059	19910809
DK 9300368	A	19930329	DK 1993-368	19930329
DK 170270	B1	19950724		
PRIORITY APPLN. INFO.:				
		US 1985-706621	A	19850228
		US 1985-706632	A	19850228
		EP 1986-301449	A	19860228
		US 1986-921521	A1	19861022

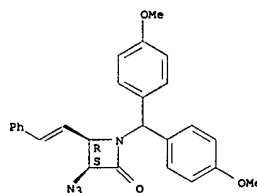
OTHER SOURCE(S): MARPAT 106:102078
 IT 106859-49-8P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation and conversion to hydrochloride salt)
 RN 106859-49-8 HCAPLUS
 CN 3-Azetidinol, 1-(diphenylmethyl)-2-methyl-, methanesulfonate (ester)
 (9CI) (CA INDEX NAME)

L7 ANSWER 22 OF 29 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)

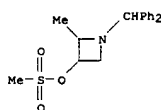


IT 111540-25-1P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation of)
 RN 111540-25-1 HCAPLUS
 CN 2-Azetidinone,
 3-azido-1-[bis(4-methoxyphenyl)methyl]-4-(2-phenylethenyl)-
 , cis- (9CI) (CA INDEX NAME)

Relative stereochemistry.
 Double bond geometry unknown.

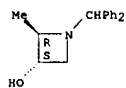


L7 ANSWER 23 OF 29 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)



IT 106859-42-1P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
 (Reactant or reagent)
 (preparation and conversion to oxalate or mesylation of)
 RN 106859-42-1 HCAPLUS
 CN 3-Azetidinol, 1-(diphenylmethyl)-2-methyl-, (2R,3S)-rel- (9CI) (CA INDEX
 NAME)

Relative stereochemistry.

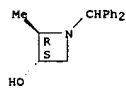


IT 106859-43-2P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation and etherification with trifluoromethylbenzene)
 RN 106859-43-2 HCAPLUS
 CN 3-Azetidinol, 1-(diphenylmethyl)-2-methyl-, trans-, ethanedioate (1:1)
 (salt) (9CI) (CA INDEX NAME)

CM 1

CRN 106859-42-1
 CMF C17 H19 N O

Relative stereochemistry.



CM 2

CRN 144-62-7
 CMF C2 H2 O4

L7 ANSWER 23 OF 29 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)

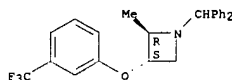


IT 106880-12-0P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation and N-deprotection of)
 RN 106880-12-0 HCAPLUS
 CN Azetidine, 1-(diphenylmethyl)-2-methyl-3-[3-(trifluoromethyl)phenoxy]-, trans-, ethanedioate (1:1) (9CI) (CA INDEX NAME)

CM 1

CRN 106880-11-9
 CMF C24 H22 F3 N O

Relative stereochemistry.



CM 2

CRN 144-62-7
 CMF C2 H2 O4



IT 106859-48-7P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation of)
 RN 106859-48-7 HCAPLUS
 CN 3-Azetidinol, 1-(diphenylmethyl)-2-methyl-, methanesulfonate (ester), hydrochloride, trans- (9CI) (CA INDEX NAME)

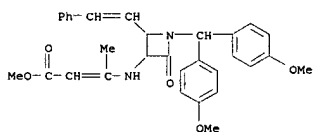
Relative stereochemistry.

L7 ANSWER 24 OF 29 HCAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 1982:423612 HCAPLUS
 DOCUMENT NUMBER: 97:23612
 TITLE: β -Lactams
 PATENT ASSIGNEE(S): Sumitomo Chemical Co., Ltd., Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 9 pp.
 CODEN: JIKXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

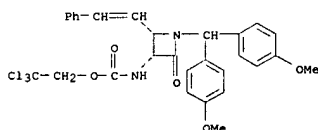
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 57011962	A2	19820121	JP 1980-162901	19801118
JP 01047467	B4	19891013		

PRIORITY APPLN. INFO.: CA 1980-354817 A 19800625

IT 77604-02-5 77604-10-5 77604-29-6
 77604-30-9 77604-32-1 77604-33-2
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (reaction of, with ceric ammonium nitrate)
 RN 77604-02-5 HCAPLUS
 CN 2-Butenoic acid, 3-[[1-[bis(4-methoxyphenyl)methyl]-2-oxo-4-(2-phenylethenyl)-3-azetidinyl]amino]-, methyl ester (9CI) (CA INDEX NAME)

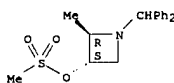


RN 77604-10-5 HCAPLUS
 CN Carbamic acid, [1-[bis(4-methoxyphenyl)methyl]-2-oxo-4-(2-phenylethenyl)-3-azetidinyl]-, 2,2,2-trichloroethyl ester (9CI) (CA INDEX NAME)



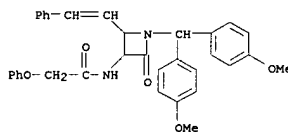
RN 77604-29-6 HCAPLUS
 CN Acetamide, N-[1-[bis(4-methoxyphenyl)methyl]-2-oxo-4-(2-phenylethenyl)-3-azetidinyl]-2-phenoxy- (9CI) (CA INDEX NAME)

L7 ANSWER 23 OF 29 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)

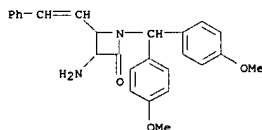


● HCl

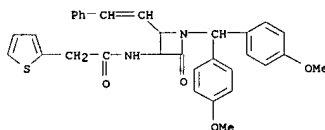
L7 ANSWER 24 OF 29 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)



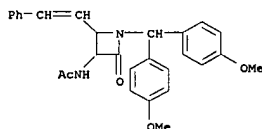
RN 77604-30-9 HCAPLUS
 CN 2-Azetidinone, 3-amino-1-[bis(4-methoxyphenyl)methyl]-4-(2-phenylethenyl)- (9CI) (CA INDEX NAME)



RN 77604-32-1 HCAPLUS
 CN 2-Thiopheneacetamide, N-[1-[bis(4-methoxyphenyl)methyl]-2-oxo-4-(2-phenylethenyl)-3-azetidinyl]- (9CI) (CA INDEX NAME)



RN 77604-33-2 HCAPLUS
 CN Acetamide, N-[1-[bis(4-methoxyphenyl)methyl]-2-oxo-4-(2-phenylethenyl)-3-azetidinyl]- (9CI) (CA INDEX NAME)



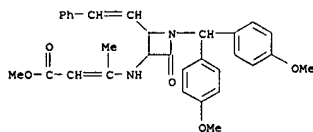
L7 ANSWER 24 OF 29 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)

L7 ANSWER 25 OF 29 HCAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1982:217589 HCAPLUS
DOCUMENT NUMBER: 96:217589
TITLE: β -Lactams
PATENT ASSIGNEE(S): Sumitomo Chemical Co., Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 5 pp.
CODEN: JKOXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

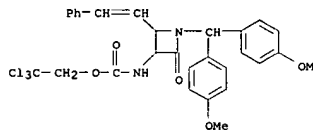
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 57026660	A2	19820212	JP 1980-102185	19800724
JP 01023461	B4	19890502		

PRIORITY APPLN. INFO.: JP 1980-102185 A 19800724

IT 77604-02-5P 77604-10-5P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(prepn. and hydrolysis of)
RN 77604-02-5 HCAPLUS
CN 2-Butenoic acid, 3-[[1-[bis(4-methoxyphenyl)methyl]-2-oxo-4-(2-phenylethenyl)-3-azetidinyl]amino]-, methyl ester (9CI) (CA INDEX NAME)



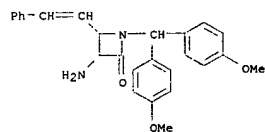
RN 77604-10-5 HCAPLUS
CN Carbamic acid, [1-[bis(4-methoxyphenyl)methyl]-2-oxo-4-(2-phenylethenyl)-3-azetidinyl]-, 2,2,2-trichloroethyl ester (9CI) (CA INDEX NAME)



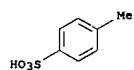
IT 81867-88-1P

L7 ANSWER 25 OF 29 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(prepn. and reaction of, with trichloroethyl chloroformate)
RN 81867-88-1 HCAPLUS
CN 2-Azetidinone, 3-amino-1-[[bis(4-methoxyphenyl)methyl]-4-(2-phenylethenyl)-, mono(4-methylbenzenesulfonate) (9CI) (CA INDEX NAME)

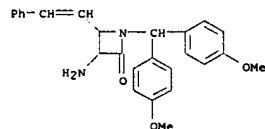
CM 1

CRN 77604-30-9
CMF C26 H26 N2 O3

CM 2

CRN 104-15-4
CMF C7 H8 O3 S

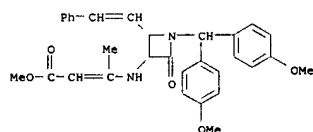
IT 77604-30-9P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 77604-30-9 HCAPLUS
CN 2-Azetidinone, 3-amino-1-[[bis(4-methoxyphenyl)methyl]-4-(2-phenylethenyl)-, (9CI) (CA INDEX NAME)



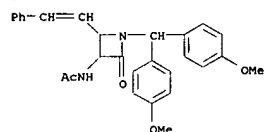
L7 ANSWER 26 OF 29 HCAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 1981:192112 HCAPLUS
 DOCUMENT NUMBER: 94:192112
 TITLE: Dearylmethylation of N-mono- or N-diarylmethyl-beta-lactams and azetidinones having antibacterial activity
 or useful as their intermediates
 INVENTOR(S): Sunagawa, Makoto; Matsumura, Haruki; Inoue, Takaaki; Hirohashi, Toshiyuki
 PATENT ASSIGNEE(S): Sumitomo Chemical Co., Ltd., Japan
 SOURCE: Eur. Pat. Appl., 63 pp.
 CODEN: EPXXDW
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 23097	A1	19810128	EP 1980-302197	19800630
EP 23097	B1	19840801		
R: BE, CH, DE, FR, GB, IT				
JP 56007758	A2	19810127	JP 1979-82411	19790628
JP 56010165	A2	19810202	JP 1979-85610	19790705
JP 01002588	B4	19890118		
EP 64797	A1	19821117	EP 1982-200761	19800630
EP 64797	B1	19850522		
R: BE, CH, DE, FR, GB, IT				
US 4536334	A	19850820	US 1980-164396	19800630
PRIORITY APPLN. INFO.:			JP 1979-82411	A 19790628
			JP 1979-85610	A 19790705
			EP 1980-302197	A 19800630

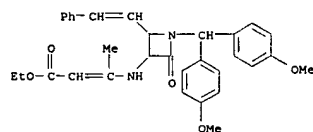
OTHER SOURCE(S): CASREACT 94:192112; MARPAT 94:192112
 IT 77604-02-5P 77604-10-5P 77604-29-6P
 77604-32-1P 77604-33-2P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (preparation and dealkylation of)
 RN 77604-02-5 HCAPLUS
 CN 2-Butenoic acid, 3-[1-[[bis(4-methoxyphenyl)methyl]-2-oxo-4-(2-phenylethenyl)-3-azetidinyl]amino], methyl ester (9CI) (CA INDEX NAME)



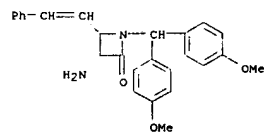
L7 ANSWER 26 OF 29 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)



IT 77604-03-6P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation of)
 RN 77604-03-6 HCAPLUS
 CN 2-Butenoic acid, 3-[1-[[bis(4-methoxyphenyl)methyl]-2-oxo-4-(2-phenylethenyl)-3-azetidinyl]amino], ethyl ester (9CI) (CA INDEX NAME)

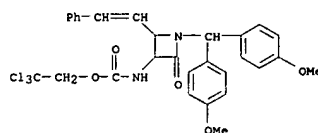


IT 77604-30-9P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation, acylation and dealkylation of)
 RN 77604-30-9 HCAPLUS
 CN 2-Azetidinone, 3-amino-1-[[bis(4-methoxyphenyl)methyl]-4-(2-phenylethenyl)]- (9CI) (CA INDEX NAME)

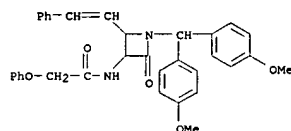


L7 ANSWER 26 OF 29 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)

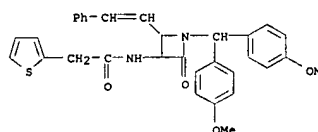
RN 77604-10-5 HCAPLUS
 CN Carbamic acid, [1-[[bis(4-methoxyphenyl)methyl]-2-oxo-4-(2-phenylethenyl)-3-azetidinyl]-, 2,2,2-trichloroethyl ester (9CI) (CA INDEX NAME)



RN 77604-29-6 HCAPLUS
 CN Acetamide, N-[1-[[bis(4-methoxyphenyl)methyl]-2-oxo-4-(2-phenylethenyl)-3-azetidinyl]-2-phenoxy- (9CI) (CA INDEX NAME)



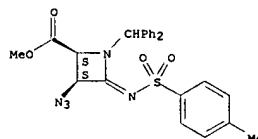
RN 77604-32-1 HCAPLUS
 CN 2-Thiopheneacetamide, N-[1-[[bis(4-methoxyphenyl)methyl]-2-oxo-4-(2-phenylethenyl)-3-azetidinyl]- (9CI) (CA INDEX NAME)



RN 77604-33-2 HCAPLUS
 CN Acetamide, N-[1-[[bis(4-methoxyphenyl)methyl]-2-oxo-4-(2-phenylethenyl)-3-azetidinyl]- (9CI) (CA INDEX NAME)

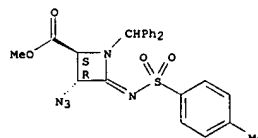
L7 ANSWER 27 OF 29 HCAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 1981:47031 HCAPLUS
 DOCUMENT NUMBER: 94:47031
 TITLE: Synthesis of N-(tolylsulfonyl)azetidin-2-imines
 AUTHOR(S): Van Camp, A.; Goossens, D.; Moya-Portuguez, M.; Marchand-Brynaert, J.; Ghosez, L.
 CORPORATE SOURCE: Lab. Chim. Org. Synth., Univ. Cathol. Louvain, Louvain-la-Neuve, B-1348, Belg.
 SOURCE: Tetrahedron Letters (1980), 21(32), 3081-4
 CODEN: TELEAY; ISSN: 0040-4039
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 OTHER SOURCE(S): CASREACT 94:47031
 IT 76227-69-4P 76227-69-5P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation of)
 RN 76227-68-4 HCAPLUS
 CN 2-Azetidinecarboxylic acid, 3-azido-1-(diphenylmethyl)-4-[[[(4-methylphenyl)sulfonyl]imino]-, methyl ester, cis- (9CI) (CA INDEX NAME)

Relative stereochemistry.
 Double bond geometry unknown.



RN 76227-69-5 HCAPLUS
 CN 2-Azetidinecarboxylic acid, 3-azido-1-(diphenylmethyl)-4-[[[(4-methylphenyl)sulfonyl]imino]-, methyl ester, trans- (9CI) (CA INDEX NAME)

Relative stereochemistry.
 Double bond geometry unknown.



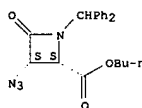
L7 ANSWER 28 OF 29 HCAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1980:6546 HCAPLUS
DOCUMENT NUMBER: 92:6546
TITLE: Methods and intermediates for preparing
cis-4-oxoazetidine intermediates
INVENTOR(S): Gleason, John G.; Holden, Kenneth G.; Huffman,
William
PATENT ASSIGNEE(S): F. Smithkline Corp., USA
SOURCE: U.S., 20 pp.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 3
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 4166816	A	19790904	US 1977-821386	19770803
ZA 7602265	A	19770427	ZA 1976-2265	19760414
BE 841234	A1	19761028	BE 1976-166530	19760428
GB 1553430	A	19790926	GB 1979-991	19760505
US 4072674	A	19780207	US 1976-696094	19760614
US 4257947	A	19810324	US 1979-20293	19790314
CH 624670	A	19810814	CH 1980-3792	19800514
CH 627475	A	19820115	CH 1980-3793	19800514
DK 8003003	A	19800711	DK 1980-3003	19800711
DK 8003005	A	19800711	DK 1980-3005	19800711
DK 8003008	A	19800711	DK 1980-3008	19800711
PRIORITY APPLN. INFO.:			US 1975-574225	A2 19750505
			US 1975-626686	A2 19751029
			US 1976-696094	A2 19760614
			DK 1976-1947	A 19760430
			CH 1976-5572	A 19760504
			GB 1976-15246	A 19760505
			US 1977-821386	A3 19770803

OTHER SOURCE(S): MARPAT 92:6546
IT 72079-51-7P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
(Reactant or reagent)
(preparation and debenzoylation of)
RN 72079-51-7 HCAPLUS
CN 2-Azetidinecarboxylic acid, 3-azido-1-(diphenylmethyl)-4-oxo-, butyl
ester, cis- (9CI) (CA INDEX NAME)

Relative stereochemistry.

L7 ANSWER 28 OF 29 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)

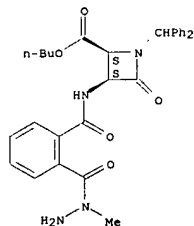


L7 ANSWER 29 OF 29 HCAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1978:443094 HCAPLUS
DOCUMENT NUMBER: 89:43094
TITLE: Dephthaloylation of phthalimidoazetidinones
INVENTOR(S): Kingsbury, William Dennis
PATENT ASSIGNEE(S): Smithkline Corp., USA
SOURCE: Ger. Offen., 17 pp.
CODEN: GWXXBX
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 2748258	A1	19780503	DE 1977-2748258	19771027
US 4085100	A	19780418	US 1976-737297	19761101
GB 1592878	A	19810708	GB 1977-43095	19771017
JP 5305696	A2	19780523	JP 1977-128069	19771025
FR 2369258	A1	19780526	FR 1977-32044	19771025
FR 2369258	B1	19800620		
NL 7711945	A	19780503	NL 1977-11945	19771031
PRIORITY APPLN. INFO.:			US 1976-737297	A 19761101

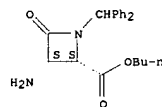
OTHER SOURCE(S): MARPAT 89:43094
IT 67098-67-3P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation and protective group removal from)
RN 67098-67-3 HCAPLUS
CN 2-Azetidinecarboxylic acid, 1-(diphenylmethyl)-3-[(2-[(1-methylhydrazino)carbonyl]benzoyl)amino]-4-oxo-, butyl ester, cis- (9CI)
(CA INDEX NAME)

Relative stereochemistry.



IT 67098-68-4P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 67098-68-4 HCAPLUS
CN 2-Azetidinecarboxylic acid, 3-amino-1-(diphenylmethyl)-4-oxo-, butyl
ester, cis- (9CI) (CA INDEX NAME)

L7 ANSWER 29 OF 29 HCAPLUS COPYRIGHT 2006 ACS on STN (Continued)
Relative stereochemistry.



Andrew Freistein 10/804,558

=>

---Logging off of STN---

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Executing the logoff script...

=> LOG Y

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	104.32	439.29

STN INTERNATIONAL LOGOFF AT 15:57:01 ON 23 JUN 2006